					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
400								
HOT MIX ASPHALTIC CONCRETE	Asphalt Cement	DSR T-315	DOT-504	(2) 1 pt.	QPL-7	As per GSP-21	Storage Tank	
CONCILLE	Coarse	Wash 200 <i>T11</i>						
	Aggregate for Asphaltic Concrete	Gradation 727	DOT-658	45 lbs.	QPL-2	As necessary	Stockpile	
	Fine Aggregate	Gradation T11 & T27						
	for Asphaltic Concrete	Clay Lumps T112						
	001101010	Sand Equivalent GDT-63	DOT-658	20 lbs.	QPL-1	As necessary	Stockpile	
		Mica Content						
	Mineral Filler	Gradation T11 & T27	DOT-168	10 lbs.	QPL-81	One per 500 tons, per Type, per Source	Silo	
	In-Place Material	Thickness Measurement GDT42 Method B	DOT-176		One per 1,000 ft, per 2 lanes	Observe 1 per 3 miles, per 2 lanes	Completed Course	
	Hydrated Lime	Physical & Chemical Analysis M303						*Air-tight container
		Gradation T219		1 qt.*	QPL-41	One per Quarter	Silo or Tanker	As required by COD 17
		Chemical T219					es, Completed Course Silo or Tanker Nozzle of Delivery System r Truck or Roadway	As required by SOP-17
	Release Agent	Slide & Soak Test GDT-113		1 qt.	QPL-39	One per Quarter		
	Complete Mixture	Extractions <i>T11, GDT-38,</i> GDT73, GDT-83 or GDT-125, <i>T-</i> 30	DOT-387	Varies per Mix Type	Minimum 1 per 500 tons	Two QA samples per 5 days production <u>or</u> 5 lots; 1 comparison sample per 10 days	Truck or Roadway	AASHTO T308 (Method A)
		Stripping Test <i>GDT-56</i>		300 g	One per Extraction (Open-Graded Mixes only)		Same as Extraction	For all Asphaltic Concrete "OGFC" & other Mixes where the additive is incorporated at the plant, test at frequency of 1 per Extraction

	Compaction GDT-39, GDT-59, or GDT-73	DOT-386	Core	≥ 500 tons 5 per lot . < 500 tons 1 per 100 tons.	After Compaction	Small quantities may be accepted with less compaction tests *Each test consists of 3 readings when Nuclear Gauge is used to determine Density
	Smoothness GDT-126	DOT-656		per 1 mile		

					GUIDE FR	GUIDE FREQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
402								
HOT MIX RECYCLED ASPHALTIC	Asphalt Cement	DSR-T-315	DOT-504	(2) 1 pt.	QPL-7	As per GSP-21	Storage Tank	
CONCRETE	Coarse	Wash 200 711						
	Aggregate for Asphaltic Concrete	Gradation 727	DOT-658	45 lbs.	QPL-2	As necessary	Stockpile	
	Fine Aggregate	Gradation T11 & T27						
	for Asphaltic Concrete	Clay Lumps T112						
		Sand Equivalent GDT-63	DOT-658	20 lbs.	QPL-1 As necessary Stockpile	Stockpile		
		Mica Content						
	Mineral Filler	Gradation T11 & T27	DOT-168	10 lbs.	QPL-81	One per 500 tons, per Type, per Source	Silo	
	In-Place Material	Thickness Measurement GDT42 Method B	DOT-176		One per 1,000 ft, per 2 lanes	Observe 1 per 3 miles, per 2 lanes	Completed Course	
	Hydrated Lime	Physical & Chemical Analysis M303						*Air-tight container
		Gradation 7219		1 qt.*	QPL-41	One per Quarter	Silo or Tanker	
		Chemical T219						As required by SOP-17
	Releasing Agent	Slide & Soak Test GDT-113		1 qt.	QPL-39	One per Quarter	Nozzle of Delivery System	
	Complete Recycled Mixture	Extractions T11, GDT-38, GDT73, GDT-83 or GDT-125, T- 30	DOT-387	Varies per Mix Type	Minimum 1 per 500 tons	Two QA samples per 5 days production <u>or</u> 5 lots; 1 comparison sample per 10 days	Truck or Roadway	AASHTO T308 (Method A)

	Abson Recovery GDT-119			1 per week, ≥ 20% RAP		As required by GSP 21
	Compaction GDT-39, GDT-59, or GDT-73	DOT-386	Core	≥ 500 tons 5 per lot . < 500 tons 1 per 100 tons.	After Compaction	Small quantities may be accepted with less compaction tests *Each test consists of 3 readings when Nuclear Gauge is used to determine Density
03	Smoothness GDT-126	DOT 656	per 1 mile			

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
HOT IN-PLACE RECYCLED ASPHALTIC CONCRETE	Asphalt Cement Rejuvenation Agent	ASTM D4552			Supplier Certification			
	Asphalt Cement	DSR-T-315	DOT-504	(2) 1 pt.	QPL-7	One per 75,000 gal., per Source	Before mixing	
	Hot Mix Asphalt	c Concrete produced at asphalt	plant (if incorpo	rated)	-L	L		
	Asphalt Cement	DSR-T-315	DOT-504	(2) 1 pt.	QPL-7	As per GSP-21	Storage Tank	
	Coarse	Wash 200 T11						
	Aggregate for Asphaltic Concrete	Gradation 727	DOT-658	45 lbs.	QPL-2	As necessary	Stockpile	
	Fine Aggregate	Gradation T11 & T27						
	for Asphaltic Concrete	Clay Lumps T112						
		Sand Equivalent GDT-63	DOT-658	20 lbs.	QPL-1	As necessary	Stockpile	
		Mica Content						
	Mineral Filler	Gradation T11 & T27	DOT-168	10 lbs.	QPL-81	One per 500 tons, per Type, per Source	Silo	
	In-Place Material	Thickness Measurement GDT42 Method B	DOT-176		One per 1,000 ft, per 2 lanes		Completed Course	

Hydrated Lime	Physical & Chemical Analysis <i>M303</i> Gradation <i>T219</i> Chemical <i>T219</i>		1 qt.*	QPL-41	One per Quarter	Silo or Tanker	*Air-tight container As required by SOP-17
Complete Mixture	Extractions T11,GDT-38, GDT73, GDT-83 or GDT-125, T30	DOT-387	Varies per Mix Type	Minimum 1 per 500 tons	Two QA samples per 5 days production <u>or</u> 5 lots; 1 comparison sample per 10 days	Truck or Roadway	AASHTO T308 (Method A)
	Stripping Test GDT-56		300 g	One per Extraction (Open-Graded Mixes only)		Same as Extraction	For all Asphaltic Concrete "OGFC" & other Mixes where the additive is incorporated at the plant, test at frequency of 1 per Extraction
Virgin Aggregate	Gradation 727 Wash 200 711	DOT-658	35 lbs.	QPL-1 or QPL-2	As Needed		

					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Complete Hot in Place Recycled Mix	Extractions <i>T11, GDT-38,</i> <i>GDT73, GDT-83 or GDT-125</i>	DOT-387	Varies per Mix Type	Minimum 1 per 500 tons	Two QA samples per 5 days production <u>or</u> 5 lots; 1 comparison sample per 10 days	Truck or Roadway	AASHTO T308 (Method A)
		Compaction GDT-39, GDT-59, or GDT-73	DOT-382	Core	≥ 500 tons 5 per lot . < 500 tons 1 per 100 tons.		After Compaction	Small quantities may be accepted with less. Compaction tests *Each test consists of 3 readings when Nuclear Gauge is used to determine
		Smoothness GDT-126	DOT 656	per 1 mile				Density
		Density, Stability & Flow T245	DOT-658				One per day from	
		Maximum Theoretical Gravity 7209					Roadway	

		Extractions GDT-38 & GDT-83						
		Penetration T49						
		Percent Voids 7269						
405								
HOT ASPHALTIC VULCANIZED RUBBER SEAL	Asphalt Cement	DSR-T-315	DOT-504M	1 qt.	QPL-7	One per 5 days of production	Distributor (before application)	
	Vulcanized Rubber				Certified Mill Test Report			
	Coarse	Wash 200 T11						
	Aggregate	Gradation 727	DOT-658	45 lbs.	QPL-2		Stockpile	
412								
BITUMINOUS PRIME	Cutback Asphalt	Viscosity T201	DOT-503	1 qt.	QPL-7	one per project	Distributor	
	Cutback Asphalt Emulsion	Viscosity 772	DOT-503	1 qt.	QPL-7 & Visual Inspection	one per project	Distributor	
413				.1	-			
BITUMINOUS TACK COAT	Asphalt Cement	DSR-T-315	DOT-504M	(2) 1 pt.	QPL-7	One per 7 days of placement SR. Two per 7 days placement Interstate.	Distributor (before application)	
		GDT-57		6-inch core				as required

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Emulsified Asphalt	Viscosity 759 Sieve Test 759 Residue by Distillation 759 (at Bituminous Branch's discretion)	DOT-325M	1 gal plastic	QPL-7	One per 7 days of placement	Distributor (before application)	
		GDT-57		6-inch core				as required
414								
HOT ASPHALT RUBBER SEAL FOR STRESS	Asphalt Cement	DSR-T-315			QPL-7 & Visual Inspection			
RELIEF	Ground Tire Rubber		DOT-658		Certified Mill Test Report			
	Coarse	Wash 200 T11	DOT-658	45 lbs.	QPL-2	As necessary	Stockpile	

	Aggregate	Gradation T27						
424			•					
BITUMINOUS SURFACE TREATMENT	Asphalt Cement	DSR-T-315	DOT-504M	(2) 1 pt.	QPL-7	1 per project	Distributor	
	Emulsified Asphalt	Viscosity 759 penetration residue sieve	DOT-325M	(2) 1 gal. plastic	QPL-7	1 per project	Distributor	
	Coarse Aggregate	Gradation 727			QPL-2, Sections A, B & C	One per size, per Project	Stockpile	
		Minus No.200 Material T11	DOT-658	45 lbs.	One per 500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.			
427								
EMULSIFIED ASPHALT SLURRY SEAL	Emulsified Asphalt	Viscosity 759	DOT-503	1 gal.*	QPL-7	One per Project	Storage Tank	*non-metal container
SEAL	Hydrated Lime	Physical & Chemical Analysis M303						
		Gradation T219		1 qt.*	QPL-41	One per Project		*Air-tight container
		Chemical 7219						
	Portland Cement	Physical & Chemical Analysis <i>M85</i>						
		Air Content M85						
		Fineness M85	DOT-175	20 lbs.	QPL-3	One per Project		
		Autoclave M85		20103.				
		Compressive Strength M85	-					
		Vicat T131	-					

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i> Chemical <i>M85</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Fine Aggregate	Gradation 727	DOT-658	20 lbs.			Stockpile	

		Wash 200 T11			One per 1,500 tons based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-1 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D.		
	Water	Physical & Chemical Analysis 726	DOT-088	1 qt.*	One per unpotable Source		Enough in advance so results are known before use	*non-metal container
	In-Place Material	Extraction GDT-38, GDT-83 or GDT-125, T30		1 gal.	One per week, per truck		From Distributor	AASHTO T308 (Method A)
428								
MICRO- SURFACING	Emulsified Asphalt	Viscosity 759	DOT 325	1 gal.*	QPL-7	One per Project	Before mixing	*non-metal container
	Diluted Emulsion Tack	Residue by Evaporation 759	DOT 325	1 gal.*	One per 5 days of production		Distributor	*non-metal container
	Hydrated Lime	Physical & Chemical Analysis M216	DOT 325	1 qt.*	QPL-41	One per Project		*Air-tight container
	Portland Cement	Physical & Chemical Analysis <i>M</i> 85		20 lbs.	QPL-3	One per Project		
	Aggregate	Moisture Content GDT-40		2000 g		One per 5 days of production	Stockpile	
		Gradation 727						
		Minimum No. 200 T11				QPL-2 Sources, as		
		Sand Equivalent GDT-63	DOT-658	20 lbs.	One per 500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	needed, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.	Stockpile	
	In-Place Material	Extraction GDT-125		Minimum: 2000 g		Two per 1 day of production	Paver	
		Gradation GDT-3, T30						
430								
PORTLAND CEMENT CONCRETE	Concrete	Compressive Strength GDT-35 & T22	DOT-319 Site Manager	6" X 12" or 4" X 8" cylinders	Divide lot into 3 equal sub lots make 3 (4) cylinders for each sub lot. Lot = 5,334 yd2		During placement operations at Roadway	

					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
PAVEMENT		Air Content GDT-26			Air, Slump & mix temp. when cylinders			Minimum of 3 per day by Contractor
		Slump GDT-27			are made & as necessary for control			Minimum of 3 per day by Contractor
		Mix Temperature GDT-122						
		Thickness GDT-31	DOT-176	4" core or Echo Meter	As per Section 430.3.06 H of the Specifications and GDT 73 of the STI.		Roadway	
	Portland	Air Content T137						
	Cement	Fineness <i>M85</i>	-					
		Autoclave <i>M85</i>	- DOT-175	10 lbs.	QPL-3	One per 2,000 tons,	labaita ataraga	
		Compressive Strength M85	001-175	TO IDS.	QPL-3	per Source	Jobsile slorage	
		Vicat 7131	1					
		Chemical M85	1					
	Portland	Air Content T137						
	Pozzolan Cement	Fineness M240	1				Roadway Jobsite storage	
	-	Autoclave M240	DOT-175	10 "		One per 2.000 tons.		
		Compressive Strength M240		10 lbs.	QPL-3	One per 2,000 tons, per Source Jobsite storage		
		Vicat 7131						
		Chemical M240						
	Curing Agent	Specifications for Liquid Membrane Curing M148	DOT-168	1 qt.	QPL-16 or preinspection by Central Lab Personnel		Jobsite storage	As required by SOP-17
		Paper Mats, Plastic Specifications		1 yd ²	Pre-inspected by Central Lab Personnel			
	Air- Entrainment Admixtures	Air-Entraining Admixtures for Concrete M154	DOT-175	1 qt.	QPL 13	1 per 7 production days, per source		Jobsite storage
	Chemical Admixtures	chemical admixtures for Concrete M194	DOT-175	1 qt.	QPL 14	1 per 7 production days, per source		Jobsite storage
	Fly Ash	Fineness <i>M295</i>						
		Activity M295		40 lbs		One per 2,000 tons,		
		Soundness M295	- DOT-175	10 lbs.	QPL-30	per Source	Jobsite storage	
		Density M295	1					

	Chemical M295						
Slag	Fineness M302						
	Activity M302	DOT 475	10 11 -		One per 2,000 tons,	labelta atawa wa	
	Air Content M302	DOT-175	10 lbs.	QPL-30	per Source	Jobsite storage	
	Density M302						

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Chemical M302						
	Steel Bars for	Number M31M						
	Reinforcement	Weight M31M	-					
		Dimensions M31M	-					
		Deformation Spacing M31M	-					
		Height & Gap M31M		1 pc @ 24"	QPL-12 & QPL-61 w/Certified Mill Test	Random sampling at	Supplier, Fabricator or	
		Tensile Strength T244	DOT-166	per size	Reports.	Fabricator	Jobsite storage	
		Yield Strength T244						
		Elongation T244						
		Bend Test 7285						
		Chemical M31M	-					
	Reinforcement	Size M32M		1 pc @ 24" per size/dia				
	Reinforcement	Diameter M32M			Certified Mill Test Report		Jobsite storage and/or producer stock	
		Area M32M						
		Tensile Strength T244	Certification			Random sampling		
		Yield Strength T244		por oizo, aia	Roport			
		Area Reduction T244						
		Bend Test M32M	-					
	Welded Steel	Size <i>M55M</i>						
	Wire Fabric for Reinforcement	Diameter M55M						
		Area M55M						
		Tensile Strength T244			QPL-55 w/Certified		Jobsite storage and/or	
		Yield Strength T244	Certification	2' X 2'	Mill Test Report	Random sampling	producer stock	
		Area Reduction T244						
		Bend Test <i>M55M</i>	-					
		Weld Shear Strength M55M]					

	Width <i>M55M</i>						
	Length M55M						
	Spacing <i>M55M</i>						
Dowel Bars	Number M31M						
	Weight M31M						
	Dimensions M31M		3 pcs. @ 18" long per size				
	Height & Gap M31M *				Jobsite stora		
	Tensile Strength T244			QPL-43 w/Certified		Jobsite storage, prior to	
	Yield Strength T244	DOT-166A		Mill Test Report		use	*N/A for Plain Dowel Bars
	Elongation T244						
	Bend Test 7285						
	Chemical M31M						
	Coating 853.08						
Tie Bars	Number M31M	DOT-166	3 pcs. @ 30"	QPL-12 & QPL 61		Jobsite storage, prior to	

					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Weight M31M		long per size			use	
		Dimensions <i>M31M</i>	-					
		Deformation Spacing M31M						
		Height & Gap M31M *						
		Tensile Strength T244						
		Yield Strength T244						
		Elongation T244						
		Chemical M31M	-					
	Dowel Bars & Tie Bars Baskets	As Specified	DOT-166A	6 bars in basket assembly	One per Project	One per Project	Jobsite storage, prior to use	
	Multi-Piece tie Bars	As Specified	DOT- 166	Complete Assembly*	As per Section 430.2.E of the Specifications	One per Project	Jobsite storage, prior to use	*2 pieces of deformed reinforcing steel (3' long each) with coupler assembled
	Coarse	Gradation T27	DOT-658	45 lbs.			Belt & Stockpile	

Aggregate	Wash 200 T11			One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.		
Fine Aggregate	Gradation 727						
	Minus No. 200 T11				QPL-1 Sources, 1		
	Sand Equivalent <i>GDT-63</i>	DOT-658	20 lbs.	One per 1,500 tons based upon QPL-1, except for Section D, Stockpile Basis, Sources. Material from Section D must be sampled.	per 20,000 tons, except for Section D, Stockpile Basis, Sources. The Department will perform acceptance tests on materials delivered from Section D Sources.	Belt & Stockpile	
Silicone	Tensile Stress ASTM D412						
Sealant	Durometer ASTM D2240						
	Bond <i>GDT-106</i>	1		QPL-66 or 1 sample			
	Tack Free Time GDT-106	DOT-168		per batch, per Type			
	Extrusion GDT-106						
	Non-Volatile GDT-106	1		1			

					GUIDE FRI	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Specific Gravity ASTM D792						
		Adhesion GDT-106	_		-			
		Resistance ASTM C793	1					
	Bond Breakers	Density ASTM D1622			Des la service de la s			
	–Rods –	Tensile Strength ASTM D1623	DOT-168	6 ft	Pre-inspected by Central Lab & Certified Mill Test Report; 1 sample per shipment		Stock	
		Water Absorption ASTM C1061						

	Bond Breakers –Tape	Thickness	DOT-168		Certified Mill Test Report			
	Ероху	Pot Life GDT-58						
	Adhesive	Bond Strength GDT-58			QPL-15 <u>or</u> 1 sample			
		Shelf Life	DOT-168	1 kit	per batch, per Type			
		Condition						
	Water	Quality of Water to be Used in Concrete 726	DOT-088	1 qt.*	One per unpotable Source, per month		Prior to use	*non-metal container
433								
REINFORCED CONCRETE APPROACH	Concrete	Compressive Strength GDT-35 & T22			One set of 50 yd ³ daily for each structure		Placement site	
SLABS		Air Content GDT-26	DOT-319		Air, slump & mix temp. when cyls. Are made & as judge		Placement site	
		Slump GDT-27	Site Manager					
		Mix Temperature GDT-122			 necessary to insure adequate control 		-	
	Portland	Air Content T137						
	Cement	Fineness <i>M85</i>			_			
		Autoclave M85			-			
		Compressive Strength M85	DOT-175		QF	PL-3		
		Vicat 7131						
		Chemical M85						
	Portland	Air Content T137						
	Pozzolan Cement	Fineness M240						
		Autoclave M240						
		Compressive Strength M240	DOT-175		QF	PL-3		
	Vicat 7131	Vicat 7131			1			
		Chemical M240			1			
	Fine Aggregate	Gradation 727	DOT-658		One per 1,500 tons	QPL-1 Sources, 1		

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS

	Sand Equivalent <i>GDT-63</i>			based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.		
Coarse	Wash 200 T11						
Aggregate	Gradation 727	DOT-658		One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.		
Steel Bars for	Number <i>M31M</i>						
Reinforcement	Weight M31M	_	1 pc @ 24" per size			t Supplier, Fabricator or Jobsite storage	
	Dimensions M31M						
	Deformation Spacing M31M	DOT-166				at Supplier, Fabricator or Jobsite storage	
	Height & Gap M31M			QPL-12 & QPL-61 w/Certified Mill Test Reports.	Random sampling at		
	Tensile Strength T244				Fabricator		
	Yield Strength T244						
	Elongation T244						
	Bend Test T285						
	Chemical M31M						
Fly Ash	Fineness M295						
	Activity M295						
	Soundness M295	DOT-175	10 lbs.	QPL-30			
	Density M295						
	Chemical M295	-					
Slag	Fineness M302						<u> </u>
	Activity M302	-					
	Air Content M302	 DOT-175	10 lbs.	QPL-30			
	Density M302		10 100.				
	Chemical <i>M302</i>						

	Silicone Sealant	Tensile Stress ASTM D412						
		Durometer ASTM D2240	Misc. DOT 168		QPL-66 <u>or</u> 1 sample per batch, per Type			
		Bond <i>GDT-106</i>						

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Tack Free Time GDT-106						
		Extrusion GDT-106						
		Non-Volatile GDT-106						
		Specific Gravity ASTM D792						
		Adhesion GDT-106			-			
		Resistance ASTM C793						
	Bond Breakers	Density ASTM D1622			.			
	–Rods	Tensile Strength ASTM D1623	Misc. DOT 168	6 ft	Pre-inspected by Central Lab & Certified Mill Test		Stock	
		Water Absorption ASTM C1061			Report; 1 sample per shipment		-	
	Bond Breakers –Tape	Thickness	Misc. DOT 168		Certified Mill Test Report			
	Epoxy Adhesive	Pot Life GDT-58						
	Adhesive	Bond Strength GDT-58	Misc.		QPL-15 or 1 sample			
		Shelf Life	DOT1 68		per batch, per Type			
		Condition						
434				-				
SAND ASPHALT PAVED DITCHES	Concrete	Compressive Strength GDT-35 & T22			One set per each			
		Air Content GDT-26 or GDT-32	DOT-319	2 cylinders	100 cumulative yd ³ <u>or</u> 1 set per week, per Plant		During pouring operation	
		Slump GDT-27					-	
	Asphalt Complete Mixture	Specification Requirements GDT-38 or GDT-83, GDT 125, T30		25 lbs.	Two per week		Truck or Roadway	
	Asphalt Cement	DSR T315	DOT-504	(2) 1 pt.	QPL-7	One per Project	Before application	
	Fine Aggregate	Gradation T11 or T27	DOT-658	20 lbs.			Stockpile	

		Sand Equivalent <i>GDT-63</i>		One per 1,500 tons based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-1 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.	
435						
RAPID SETTING CEMENT	Rapid Setting Patching	Flow of Mortar ASTM C109	Misc. DOT168	QPL-27 <u>or</u> preinspected by Central		

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
CONCRETE END	Material	Flexural Strength T97			Lab Personnel			
DAMS & PATCHES		Compressive Strength ASTM C109 or ASTM C31						
		Adsorption ASTM C140	-		-			
		Chlorides T260						
		Shear Bond Freeze-Thaw ASTM C666						
	Epoxy	Pot Life GDT-58	 Misc. DOT168					
Adh	Adhesive	Elongation GDT-58						
		Bond Strength GDT-58		1 kit	QPL-15 <u>or</u> 1 sample per batch, per Type			
		Hardness ASTM D2240					- Stock	
		Sag Test 7237						
		Wet Bond Test 7237						
	Silicone Sealant	Tensile Stress ASTM D412						
		Hardness ASTM D2240						
		Bond GDT-106	-					
		Tack Free Time GDT-106	Misc.		QPL-66 or 1 sample		Stock	
		Extrusion GDT-106	DOT168		per batch, per Type			
		Non-Volatile GDT-106					-	
		Specific Gravity ASTM D792						
	l]		J]	

		Adhesion GDT-106]					
		Resistance ASTM C793					-	
	Bond Breakers	Density ASTM D1622						
	–Rods	Tensile Strength ASTM D1623	Misc.	6 ft	Pre-inspected by Central Lab & Certified Mill Test		Stock	
		Water Absorption ASTM C1061	DOT168		Report; 1 sample per shipment			
	Bond Breakers –Tape	Thickness	Misc. DOT168		Certified Mill Test Report			
	Preformed Foam Joint Filler	Specification 822.10	Misc. DOT168		QPL-20 Certified Mill Test Report			
436					I	1	I	
ASPHALTIC CONCRETE CURB	NOTE: When pl	aced in conjunction with Pay Iten	n in Section 400	, and ingredient	s are sampled under th	at Item, no additional s	amples of AC, CA, FA, or	Mineral Filler required.
	Tack Coat	Specification Requirements 759 , DSR T315	DOT-503	1 gal. PLASTIC	QPL-7	One per Project	Before application	

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Asphalt Cement	Dynamic Shear TP-5, DSR T315	DOT-504	(2) 1 pt.	QPL-7	One per Project	Before application	
	Mineral Filler	Gradation 711 & 727		10 lbs.	QPL-81	One per 1,000 tons, per Type, per Source	Stock	
	Completed Mix	Specification Requirements GDT-38 or GDT-83,GDT 125, T30	DOT-387 OMR-TM- 159-5	25 lbs.	Two per week		Truck or Roadway	
	Fine Aggregate	Gradation 727 Sand Equivalent <i>GDT-63</i> Minus No. 200 <i>T11</i>	DOT-658		One per 500 tons based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	As necessary		
	Coarse	Wash 200 711	DOT-658			As necessary		

	Aggregate	Gradation T27			One per 500 tons based upon QPL-2, except from Section D, Stockpile Basis Sources; material from Section D must be sampled.			
437		-		-				
GRANITE CURB	Granite from Unapproved Source	Percent Wear 796		100 lbs.	One per Source		Stock	
	Granite from Approved Source				QPL-2 & Visual Inspection			******
438								
PRECAST	Portland	Air Content T137						
CONCRETE HEADER CURB	Cement	Fineness M85			-	One per Quarter, per Source, per District		
		Autoclave M85	-					
		Compressive Strength M85	DOT-175		QPL-3			
		Vicat T131	-					
		Chemical M85						
	Portland	Air Content T137	-					
	Pozzolan Cement	Fineness M240	-					
		Autoclave M240	DOT-175					
		Compressive Strength M240						
		Vicat 7131	1					

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Chemical M240						
	Fine Aggregate	Gradation 727	DOT-658	20 lbs.				

	Sand Equivalent <i>GDT-63</i>			One per 500 tons based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-1 Sources, 1 per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
Coarse Aggregate	Wash 200 T11						
	Gradation 727	DOT-658	45 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
Steel Bars for	Number M31M						
Reinforcement	Weight M31M				PPL-12 & QPL-61 //Certified Mill Test		
	Dimensions M31M						
	Deformation Spacing M31M			QPL-12 & QPL-61 w/Cortified Mill Test Random sampling at Supplier, Fabricator or			
	Height & Gap M31M	DOT-166	1 pc @ 24"				
	Tensile Strength T244	DO1-100	per size	Reports.	Fabricator	Jobsite storage	
	Yield Strength T244						
	Elongation T244						
	Bend Test 7285						
	Chemical M31M						
Fly Ash	Fineness M295						
	Activity M295]					
	Soundness M295	DOT-175		QPL-30			
	Density M295	1		1			
	Chemical <i>M295</i>	1		1			
Dowel Bars	Number <i>M31M</i>						
	Weight M31M	DOT-166A		QPL-43 w/Certified Mill Test Report			*N/A for Plain Dowel Bars
	Dimensions M31M	- 					

					GUIDE FR	REQUENCY					
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS			
		Deformation Spacing M31M *									
		Height & Gap M31M *	-					_			
		Tensile Strength T244	-		-			-			
		Yield Strength T244	-					-			
		Elongation T244						-			
		Bend Test T285	-					-			
		Chemical <i>M31M</i>			-			-			
		Coating 853.08			-			-			
439				J							
PORTLAND CEMENT CONCRETE	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i>	DOT-319 Site Manager	2 cylinders 6" X 12" or 4" X 8"	See NOTE 1		During pouring	Cylinders to be broken in Branch or Central Lab			
PAVEMENT (SPECIAL)		NOTE 1: One set per each 350 yd ³ of each Class of Concrete placed daily for each structure, except for Concrete used in Bridge Curb, Handrail or Wall Coping. Concrete cylinders shall be fabricated for each cumulative 350 yd ³ or fraction thereof, of Concrete placed per week in each structure. Cylinders shall not be fabric structure to represent Concrete placed in another structure.									
		Air Content GDT-26 or GDT-32	_								
		Slump GDT-27		See NOTE 2	When cylinders are		Placement site	Additional Slump test will be required when Water is			
		Mix Temperature <i>GDT-122</i>			made		-	added on Project			
			erature tests are	all required when	cylinders are made & as	s judged necessary to ins	sure adequate control				
		NOTE 2: Air, Slump & Mix Temperature tests are all required when cylinders are made & as judged necessary to insure adequate control.									
	Portland	Air Content 7137									
	Cement	Fineness M85						-			
		Autoclave M85									
		Compressive Strength M85	DOT-175	10 lbs.	QF	PL-3		Jobsite Plants only			
		Vicat T131									
		Chemical M85									
	Portland	Air Content 7137									
	Pozzolan Cement	Fineness M240									
		Autoclave M240	DOT 475	10 lba							
		Compressive Strength M240	DOT-175	10 lbs.	QPL 3			Jobsite Plants only			
		Vicat 7131	1					1			
		Chemical M240	1]			

	Oreslation TOT	DOT 050	00 lb a	Deservice ODL 4		Γ	Г	1
Fine Aggregate	Gradation 127	DO1-658	20 lbs.	Based upon QPL-1,	QPL-1 Sources, 1			ł
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					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Sand Equivalent <i>GDT-63</i> Minus No. 200 <i>T11</i>			Except for Section D, Stockpile Basis Sources; material from Section D must be sampled 1 per 500 tons.	per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
	Coarse	Wash 200 T11						
	Aggregate	Gradation 727	DOT-658	30 lbs.	Based upon QPL-2 Sources, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
	Steel Bars for	Number M31M						
	Reinforcement	Weight M31M						
		Dimensions M31M						
		Deformation Spacing M31M						
		Height & Gap M31M	DOT-166	1 pc @ 24"	QPL-12 & QPL-61 w/Certified Mill Test	Random sampling at	Supplier, Fabricator or	
		Tensile Strength T244	DO1-100	per size	Reports.	Fabricator	Jobsite storage	
		Yield Strength T244						
		Elongation T244						
	E Steel Wire for Reinforcement A	Bend Test 7285	-					
		Chemical M31M						
		Size M32M						
		Diameter M32M		1 pc @ 24"	Certified Mill Test		Jobsite storage and/or	
		Area M32M	Certification	per size/dia	Report	Random sampling	Jobsite storage and/or producer stock	
		Tensile Strength T244]					

	Yield Strength T244						
	Area Reduction T244						
	Bend Test M32M						
Welded Steel	Size <i>M55M</i>						
Wire Fabric for Reinforcement	Diameter M55M		2' X 2'	QPL-55 w/Certified Mill Test Report	Random sampling	Jobsite storage and/or producer stock	
	Area M55M	Certification					
	Tensile Strength T244						

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Yield Strength T244						
		Area Reduction T244						
		Bend Test M55M						
		Weld Shear Strength M55M						
		Width <i>M55M</i>						
		Length M55M						
		Spacing <i>M55M</i>						
	Dowel Bars	Number <i>M31M</i>						
		Weight M31M						
		Dimensions <i>M31M</i>						
		Deformation Spacing <i>M31M</i> *	-					
		Height & Gap M31M *	-					
		Tensile Strength T244	DOT-166A	3 pcs. @ 18" long per size	QPL-43 w/Certified Mill Test Report		Jobsite Storage, prior to use	*N/A for Plain Dowel Bars
		Yield Strength T244		long por oizo				
		Elongation T244						
		Bend Test <i>M</i>285						
		Chemical M3						
		Coating 853.08						
	Tie Bars	Number <i>M31M</i>						
		Weight M31M						
		Dimensions M31M		0				
		Deformation Spacing M31M	DOT-166	3 pcs. @ 30" long per size	QPL-12 & QPL-61		Jobsite Storage, prior to use	
		Height & Gap M31M	_	01				
		Tensile Strength T244						
		Yield Strength T244						

	Elongation T244						
	Chemical M3						
Dowel Bar & Tie Bar Baskets	As Specified	DOT-166	6 bars in basket assembly	One per Project, per size		Jobsite Storage, prior to use	
Multi-Piece Tie Bars	As Specified	DOT-166	Complete Assembly*	As per Section 430.2.E of the Specifications	One per Project	Jobsite Storage, prior to use	*2 pieces of deformed reinforcing steel (3' long each) with coupler, assembled
Fly Ash	Fineness M295						
	Activity M295						
	Air Content M295	DOT-175	10 lbs.	QPL-30	One per 2,000 tons, per Source	a	Jobsite plants only
	Density M295				per Source		
	Chemical M295						
Slag	Fineness M302				One per 2,000 tons,		
Ac	Activity M302	DOT-175	10 lbs.	QPL-30	per Source	Jobsite storage	Jobsite plants only

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Soundness M302						
		Density M302						
		Chemical M302						
	Silicone Sealant	Tensile Stress ASTM D412						
	Sealant	Durometer ASTM D2240						
		Bond <i>GDT-106</i>						
		Tack Free Time GDT-106	Misc. DOT168		7			
		Extrusion GDT-106			QPL-66 or 1 sample			
		Non-Volatile GDT-106			per batch, per Type			
		Specific Gravity ASTM D792						
		Adhesion <i>GDT-106</i>	-					
		Resistance ASTM C793						
	Bond Breakers -Rods Density ASTM D1622 Tensile Strength ASTM D1623 Misc	Density ASTM D1622			Dro increated by			
		Misc. DOT168	6 ft	Pre-inspected by Central Lab & Certified Mill Test		Stock		
		Water Absorption ASTM C1061			Report; 1 sample per shipment			

	Bond Breakers –Tape	Thickness	Misc. DOT168		Certified Mill Test Report			
	Ероху	Pot Life GDT-58						
	Adhesive	Bond Strength GDT-58	Misc.					
		Shelf Life	DOT168		QPL-15			
		Condition						
	Water	Quality of Water to be Used in Concrete 726	DOT-088	1 qt.*	One per unpotable Source, per month		Prior to use	*non-metal container
440								
PORTLAND CEMENT CONCRETE	Portland Cement	Physical & Chemical Analysis <i>M85</i>						
SHOULDERS		Air Content T137						
		Fineness <i>M85</i>						
		Autoclave M85	DOT-175	10 lbs.	QPL-3	One per 2,000 tons	Jobsite storage	
		Compressive Strength M85						
		Vicat M131						
		Chemical M85						
	Portland	Air Content T137		10 lbs.	QPL-3	One per 2,000 tons,	Jobsite storage	
	Pozzolan Cement	Fineness M240	DOT-175			per source		
		Autoclave M240						

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Compressive Strength M240						
		Vicat 7131						
		Chemical <i>M240</i>						
	Water	Quality of Water to be Used in Concrete T26	DOT-088	1 qt.*	One per unpotable source, per month		Prior to use	*non-metal container
	Curing Agent	Specification for Liquid Membrane Curing <i>M148</i>	DOT-168		QP	L-16		
		Air-Entraining Admixtures for Concrete M154	DOT-168	1 qt.*	QPL-13	1 per 7 production days, per source	Jobsite storage	

Chemical Admixtures	Chemical Admixtures for Concrete M194	DOT-168	1 qt.*	QPL-14	1 per 7 production days, per source	Jobsite storage	
Steel Bars for	Number <i>M31M</i>						
Reinforcement	Weight M31M						
	Dimensions M31M						
	Deformation Spacing M31M						
	Height & Gap M31M		1 pc @ 24"	QPL-12 & QPL-61	Random sampling at	Supplier, Fabricator or	
	Tensile Strength T244	DOT-166	per size	w/Certified Mill Test Reports.	Fabricator	Jobsite storage	
	Yield Strength T244						
	Elongation T244						
	Bend Test 7285						
	Chemical M31M						
Steel Wire for	Size M32						
Reinforcement	Diameter <i>M</i>32 Area <i>M</i>32		1 pc @ 24" per size/dia	Certified Mill Test Report Random sampling			
	Area M32					Jobsite storage and/or	
Те	Tensile Strength T244	Certification			Random sampling	Jobsite storage and/or producer stock	
	Yield Strength T244						
	Area Reduction T244						
	Bend Test M32						
Welded Steel	Size <i>M55M</i>						
Wire Fabric for Reinforcement	Diameter M55M						
	Area M55M						
	Tensile Strength T244						
	Yield Strength T244						
	Area Reduction T244	Certification	2' X 2'	QPL-55 w/Certified Mill Test Report	Random sampling	Jobsite storage and/or producer stock	
	Bend Test <i>M55M</i>			Will Test Report		producer slock	
	Weld Shear Strength M55M						
	Width <i>M55M</i>						
	Length M55M						
	Spacing <i>M55M</i>						

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS

Preformed Joint Filler		Misc. DOT168		QPL-20 Certified Mill Test Report			
Tie Bars	Number <i>M31M</i>		-				
	Weight M31M	-					
	Dimensions M31M	-					
	Deformation Spacing M31M	-					
	Height & Gap M31M	-					
	Tensile Strength T244	DOT-166	3 bars @ 30" long	QPL-12 & QPL-61		Jobsite storage, prior to use	
	Yield Strength T244	-	long			use	
	Elongation T244	-					
	Bend Test 7285	-					
	Chemical M31M	-					
	Coating 853.08	-					
Graded	Gradation T11		-				
Aggregate	Sand Equivalent <i>GDT-63*</i> Gradation <i>T27</i>	DOT-658	45 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D sources.	Stockpile	*Normally GDT-63 will only be required on Independent Assurance samples of graded aggregate. Also, GDT-2 will normally only be required on Independent Assurance samples on fine aggregate.
Coarse	Gradation 727						
Aggregate	Wash 200 T11	DOT-658	45 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.	Belt or Stockpile	
Fine Aggregate	Gradation 727 Minus No. 200 711	DOT-658	20 lbs.	One per 500 tons based upon QPL-1, except for Section D,	QPL-1 Sources, 1 per 20,000 tons, except for Section D,	Belt or Stockpile	

	Sand Equivalent <i>GDT-63</i>		Stockpile Basis Sources; material from Section D must be sampled.	Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.		
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					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i>		6" X 12" or 4"X 8" cylinders	Three sets of 2 cylinders per Lot			
		Air Content GDT-26			Air, slump & mix temp.; when cyls. Are			
		Slump GDT-27	DOT-319 Site Manager		made & as judge necessary to insure		During placement operations at Roadway	
		Mix Temperature GDT-122			adequate control.			
	Slag	Thickness			As per specified Shoulder Type			
	Slag	Fineness M302				One per 2,000 tons,		
		Activity M302	DOT-175			per source		
		Air Content M302		10 lbs.	QPL-30		Jobsite storage	
		Density M302			Q. 2 00		obbillo olorago	
		Chemical M302						
	Fly Ash	Fineness M295				One per 2,000 tons,	······	
		Activity M295				per source		
		Soundness M295	DOT-175	10 lbs.	QPL-30		Jobsite storage	
		Density M295						
		Chemical M295						
	Silicone	Tensile Stress ASTM D412						
	Sealant	Durometer ASTM D2240						
	Bond <i>GDT-106</i> M	Bond GDT-106	Misc.					
		DOT168		QPL-66				
		1		1				
		Non-Volatile GDT-106]]			

	Specific Gravity ASTM D792]		
	Adhesion GDT-106	-		-		
	Resistance ASTM C793			-		
Bond Breakers	Density ASTM D1622				 	
–Rods	Tensile Strength ASTM D1623	Misc. DOT168	6 ft	Pre-inspected by Central Lab & Certified Mill Test		
	Water Absorption ASTM C1061	DOTIO		Report; 1 sample per shipment		
Bond Breakers –Tape	Thickness	Misc. DOT168		Certified Mill Test Report	 	
Ероху	Pot Life <i>GDT-58</i>				 	
Adhesive	Bond Strength GDT-58	Misc.		-		
	Shelf Life	Misc. DOT168		– QPL-15		
	Condition	-				

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION 441	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
MISCELLANEOUS	Portland	Air Content 7137	1					
CONCRETE	Cement	Fineness M85						
		Autoclave M85	DOT 175					
		Compressive Strength M85	DOT-175		QPL-3			
		Vicat 7131			-			
		Chemical M85			-			
	Portland	Air Content T137						
	Pozzolan Cement	Fineness M240			-			
		Autoclave M240	DOT-175		QPL-3			
		Compressive Strength M240	DOI-175		QPL-3			
		Vicat T131			-			
		Chemical M240						
	Fine Aggregate	Gradation T27	DOT-658	20 lbs.				

	Sand Equivalent <i>GDT-63</i> Minus No. 200 <i>T11</i>			One per 500 tons, based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-1 Sources, 1 per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
Coarse	Wash 200 T11						
Aggregate	Gradation 727	DOT-658	45 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
Curing Agents	Specification for Liquid Membrane Curing M148	DOT-168		QPL-16			
Air- Entrainment Admixtures	Air-Entraining Admixtures for Concrete M154	Misc. DOT168		QPL-13			
Chemical Admixtures	Chemical Admixtures for Concrete M194	Misc. DOT168		QPL-14			
Steel Bars for	Number M31M	DOT-166	1 pc @ 24"	QPL-12 & QPL-61	Random sampling at	Supplier, Fabricator or	

					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Reinforcement	Weight M31M		per size	w/Certified Mill Test	Fabricator	Jobsite storage	
		Dimensions M31M			Reports.			
		Deformation Spacing M31M						
		Height & Gap M31M						
		Tensile Strength T244						
		Yield Strength T244						
		Elongation T244						
		Bend Test 7285	1					
		Chemical M31M						

Steel Wire for	Size <i>M32M</i>						
Reinforcement	Diameter M32M						
	Area M32M	_					
	Tensile Strength T244	Certification	1 pc @ 24" per size/dia	Certified Mill Test Report	Random sampling	Jobsite storage and/or producer stock	
	Yield Strength T244		per size/ula	Report		producer stock	
	Area Reduction T244						
	Bend Test M32M	_					
Welded Steel	Size M55M						
Wire Fabric for Reinforcement	Diameter M55M	_					
	Area M55M	_					
	Tensile Strength T244	_				Jobsite storage and/or producer stock	
	Yield Strength T244	_					
	Area Reduction T244	Certification	2' X 2'	QPL-55 w/Certified	Random sampling		
	Bend Test M55M	_		Mill Test Report			
	Weld Shear Strength M55M	_					
	Width <i>M55M</i>	_					
	Length M55M						
	Spacing <i>M55M</i>						
Joint Fillers & Preformed Joint Filler	ealers M153 or M213	Misc. DOT168	10"	QPL-20		Stock	Sample in accordance with SOP-17
Hot Pour Joint	Penetration GDT-62				Γ	Т	
Sealers	Flow GDT-62	_					
	Resilience GDT-62	Misc. DOT168	8 lb. kit	Pre-inspected by Central Lab; 1		Stock	
	Bond GDT-62	DOT108		sample per shipment		-	
	Compatibility GDT-62					-	
Elastomeric	Cone Penetration GDT-15			Pre-inspected by			
Polymer Type		Misc. DOT168	1 kit	Central Lab & Certified Mill Test Report; 1 sample per		1	
	Solubility GDT-15					Stock	
Joint Compound	Solubility <i>GDT-15</i> Resilience <i>GDT-15</i>		1 kit			Stock	

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS

	Bond GDT-15					
Preformed Elastic Joint Sealer	Tensile Strength ASTM D412				 	
Sealer	Elongation at Break ASTM D412					
	Hardness ASTM D2240				 -	
	Oven Aging ASTM D573			Pre-inspected by Central Lab &	-	
	Oil Swell ASTM D471	Misc. DOT168	36"	Certified Mill Test	Stock	
	Ozone Resistance ASTM D1149			Report; 1 sample per - shipment		
	Joint Sealer Recovery GDT-47					
	Compression/Deflection GDT70				-	
Water-Blown Urethane Joint Filler	Specification 833.05	Misc. DOT168		Certified Mill Test Report	 	
н	Tensile Stress ASTM D412				 	
	Hardness ASTM D2240					
	Bond GDT-106				-	
	Tack Free Time GDT-106			-	 -	
	Extrusion GDT-106	Misc. DOT168		QPL-66 <u>or</u> 1 sample per batch, per Type	Stock	
	Non-Volatile GDT-106	DOTIO		per baten, per Type		
	Specific Gravity ASTM D792					
	Adhesion <i>GDT-106</i>			-	 -	
	Resistance ASTM C793				-	
Bond Breakers	Density ASTM D1622				 	
– Rods	Tensile Strength ASTM D1623	Misc.	6 ft	Pre-inspected by Central Lab & Certified Mill Test	Stock	
	Water Absorption ASTM C1061	DOT168 6 T Certified Mill 1 Report; 1 sam shipment	Report; 1 sample per			
Bond Breakers – Tape	Thickness	Misc. DOT168		Certified Mill Test Report	 	

Neop Bridg	oprene for Ige Deck nt Seal	Specification 833.07	Misc. DOT168	Certified Mill Test Report	 	

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Ethylene Propylene Diene Monomer for Bridge Deck Joint Seals	Specification 833.08	Misc. DOT168		Certified Mill Test Report			
	Polyurethane	Hardness ASTM D2240						
	Sealant for Inductive Loops	Tensile Strength ASTM D412						
		Elongation ASTM D412	Misc. DOT168		QPL-75			
		Flexibility	001100					
	D822	Weather Resistance ASTM D822						
	Preformed Foam Joint Filler	Specification 833.2.10	Misc. DOT168		Certified Mill Test Report			
	Dowel Bars	Number <i>M31M</i>						
		Weight M31M	-					
		Dimensions M31M						
		Deformation Spacing M31M *						
		Height & Gap M31M *			QPL-43 w/Certified			
		Tensile Strength T244	DOT-166A	2 bars	Mill Test Report	One per Project	Stock	*N/A for Plain Dowel Bars
		Yield Strength T244 Elongation T244						
		Bend Test 7285						
		Chemical M3	4					
	[Coating 853.08	<u> </u>		l		l	

Concrete	Compressive Strength GDT-35 & T22		2 cylinders 6" X 12" or 4" X 8"	One set per each cumulative 100 yd ³ <u>or</u> 1 set per week, per Plant	During placement operations	
	Air Content GDT-26 or GDT-32	DOT-319 Site Manager		Air & Slump tests are required when		
	Slump GDT-27			cylinders are made & as judged necessary to insure adequate control	During placement operations	
Fly Ash	Fineness <i>M295</i>	DOT 475			 	
Activity M295	,	DOT-175		- QPL-30		

					GUIDE FRI	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Soundness M295						
		Density M295						
		Chemical M295						
	Epoxy Adhesive	Pot Life GDT-58						
	Adnesive	Bond Strength GDT-58	Misc.					
		Shelf Life	DOT168		QPL-15			
		Condition						
442						,		
SEALING ROADWAY &	Silicone Sealant	Tensile Stress ASTM D412						
BRIDGE JOINTS	Sediant	Durometer ASTM D2240						
		Bond GDT-106						
		Tack Free Time GDT-106	-					
		Extrusion GDT-106	Misc.		QPL-66		Stock	
		Non-Volatile GDT-106	DOT168					
		Specific Gravity ASTM D792						
		Adhesion GDT-106	-					
		Resistance ASTM C793						
	Epoxy Adhesive	Pot Life GDT-58	Misc.		QPL-15 <u>or</u> 1 sample		Stock	
		Bond Strength GDT-58	DOT168		per batch, per Type			

	Bond Breakers – Rods	Shelf Life Elongation <i>GDT-58</i> Hardness <i>ASTM D2240</i> Sag <i>T237</i> Wet Bond <i>T137</i> Density <i>ASTM D1622</i>					
		Tensile Strength ASTM D1623 Water Absorption ASTM C1016	Misc. DOT168	5 ft	One per Project & Certified Mill Test Report	 Stock	
	Bond Breakers - Tape	Thickness	Misc. DOT168	5 ft	One per Project & Certified Mill Test Report	Stock	
445							
WATERPROOFING	Waterproofing	Permeability GDT-69					
PAVEMENT JOINTS & CRACKS	Membranes for Pavement Joints &	Breaking Factor ASTM D882	Misc.				
	Cracks	Heat Resistance GDT-69	DOT168		QPL-22	Stock	
		Puncture Resistance ASTM E154					

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Elongation ASTM D882						
		Pliability ASTM D146	-					
		Adhesion GDT-69	-					
		Thickness						
446						,		
PAVEMENT REINFORCEMENT FABRIC	High Strength Pavement Reinforcement	Tensile Strength ASTM D412						
TABING	Fabric	Elongation ASTM D412						
		Density ASTM E12	Misc.					
		Weight per Gallon ASTM D70	DOT168		QPL-40		Stock	
		Softening Point ASTM D36	-					
		Caliper ASTM D1777]					

1	1	Specific Gravity ASTM D80	1	1	1		l	
			-					
		Pliability ASTM D146						
		Width	-					
		Weight						
	Pavement Reinforcement Fabric – Type I	Tensile Strength ASTM D4632						
	or II	Elongation at Break ASTM D4632	Misc. DOT168		QPL-40		Stock	
		Asphalt Retention GDT-95						
	Bituminous Tack	Asphalt T-315		(2) 1 pt.	QPL-7		from Distributor	
448								
PORTLAND CEMENT CONCRETE END	Concrete	Compressive Strength GDT-35 & GDT-22			One set of 4 for ea	ach placement date.		
DAMS & PATCHES		Air Content GDT-26 & GDT-32	DOT-319			y, 2 for 3 day)		
		Slump GDT-27	Site Manager					
		Mix Temperature <i>GDT-122</i>	-		required when cylir	emperature tests are nders are made & as nsure adequate controls		
	Ероху	Pot Life GDT-58						
	Adhesive	Elongation GDT-58	-					
		Bond Strength GDT-58	Misc.		QPL-15 <u>or</u> 1 sample			
		Hardness ASTM D2240	DOT168	1 kit pe	per batch, per Type		Stock	
		Sag Test 7237						
		Wet Bond Test 7237						
	Silicone	Tensile Stress ASTM D412	Misc. DOT-		QPL-66			

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Sealant	Durometer ASTM D2240	168					
		Bond <i>GDT-106</i>	-			_		
		Tack Free Time GDT-106						
		Extrusion GDT-106	-					
		Non-Volatile GDT-106						

	Specific Gravity ASTM D792					
	Adhesion GDT-106	-				
	Resistance ASTM C793	-				
Preformed Foam Joint Filler	Specification 833.2.10	Misc. DOT168		QPL-20		
Portland	Air Content 7137					
Cement	Fineness M85	-		-		
	Autoclave M85	-		_		
	Compressive Strength M85	DOT-175		QPL-3		
	Vicat 7131	-		_		
	Chemical M85	-		-		
Portland	Air Content T137			QPL-3		
Pozzolan Cement	Fineness M240	- - DOT-175		_		
	Autoclave M240					
	Compressive Strength M240			_		
	Vicat 7131	-		_		
	Chemical M240	-		_		
Fine Aggregate	Gradation 727					
	Sand Equivalent <i>GDT-63</i> Minus No. 200 <i>T11</i>	DOT-658	20 lbs.	One per 500 tons based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-1 Sources, 1 per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.	
Coarse	Wash 200 T11	DOT-658	45 lbs.	One per 1,500 tons	QPL-2 Sources, 1	

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS

	Aggregate	Gradation 727			based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
	Fly Ash	Fineness M295			QPL-30			
		Activity M295			-			
		Soundness M295	DOT-175		-			
		Density M295	501 110		-			
		Chemical <i>M295</i>			_			
	Ероху	Pot Life <i>GDT-58</i>						
	Adhesive	Bond Strength GDT-58			-			
		Shelf Life	DOT-168		– QPL-15			
		Condition			-			
450		L	L	L	. L		1	.1
PRESSURE	Concrete Grout							
GROUTING PORTLAND	Portland	Air Content T137						T
CEMENT CONCRETE	Cement	Fineness <i>M85</i>						
PAVEMENT		Autoclave M85	DOT 475					
		Compressive Strength M85	DOT-175		— QPL-3 —			
		Vicat 7131						
		Chemical <i>M85</i>						
	Calcium Chloride	Specification <i>M144</i>	DOT-319					
	Water	Quality of Water to be Used in Concrete 726	DOT-088	1 qt.	One per unpotable Source, per month		Enough in advance so that results are known before use	*Non-metal container
	Fly Ash	Fineness <i>M295</i>						
		Activity M295			_			
		Soundness M295	DOT-175		QPL-30			
		Density M295						
		Chemical M295			-			
	Fine Aggregate	Gradation 727	DOT-658	20 lbs.	One per 500 tons	QPL-1 Sources, 1	Stock	If Lime or Fly Ash is to be
3	۰ 5	L	L				1	.1
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					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Sand Equivalent <i>GDT-63</i> Minus No. 200 <i>T11</i>			based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		added, sample Total Mixture of Fine Aggregate as indicated.
	Complete Mixture	Flow of Grout GDT-84			One per day of operation	Observe 1 per Project		
		Penetration Resistance ASTM C403			One per Project <u>or</u> enough to insure proper setting time		During pumping operation	
	Agricultural Lime				Pre-approved	by Central Lab		
	Mineral Filler	Gradation GDT-22				[
		Plasticity Index T90						
451								
PATCHING PORTLAND	24-Hour Concre		T	1	1		I	
CEMENT CONCRETE PAVEMENT	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i> Air Content <i>GDT-26</i> & <i>GDT-35</i>	DOT-319 Site Manager	6" X 12" or 4" X 8" cylinders	(2 for 1 day) Air, Slump & Mix Te required when cylir	ch placement date. , 2 for 3 day) emperature tests are iders are made & as		Cylinder frequency & curing in accordance with Section 504 of the
		Slump GDT-27	-			to insure adequate trols.		Specifications
		Mix Temperature GDT-122]			
	Portland Cement	Air Content 7137						
	Cement	Fineness M85						
		Autoclave M85	DOT-175		QPL-3			
		Compressive Strength M85	001-175					
		Vicat 7131						
		Chemical M85]			
	Fine Aggregate	Gradation 727	DOT-658	20 lbs.			Stock or Conveyor Belt	

	<u>.</u>		
Wash 200 T11	One per 500 tons	QPL-1 Sources, 1 per	
	based upon QPL-1,	month, per active	

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Sand Equivalent <i>GDT-63</i>			except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
	Coarse	Wash 200 T11						
	Aggregate	Gradation 727	DOT-658	35 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.	Stock or Conveyor Belt	
	Calcium Chloride	Specification <i>M144</i>	DOT-319					
	Water	Quality of Water to be Used in Concrete 726	DOT-088	1 qt.	One per unpotable Source, per month		Enough in advance so that results are known before use	*Non-metal container
	Ероху	Pot Life GDT-58						
	Adhesive	Bond Strength GDT-58						
		Shelf Life	Certification		QPL-15			
		Condition						
	Silicone	Tensile Stress ASTM D412						
	Sealant	Durometer ASTM D2240						
		Bond <i>GDT-106</i>	Certification		QPL-66			
		Tack Free Time GDT-106						
		Extrusion GDT-106]			

	Non-Volatile GDT-106				
	Specific Gravity ASTM D792	1			
	Adhesion GDT-106				
	Resistance ASTM D793				
Polyethylene	Cell Structure		 	 	
Foam	Compression ASTM D1752	Certification	QPL-20		

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Recovery ASTM D1752						
		Water Absorption ASTM D1752						
		Extrusion ASTM D1752						
	Rapid Setting Patching Material	Flow of Mortar ASTM C109						
	Material	Flexural Strength T97						
		Compressive Strength ASTM C109 or ASTM C31						
		Absorption ASTM C140	Certification		QPL-27		Stock	
		Chlorides T260						
		Shear Bond Section 934.03			-			
							-	
		Freeze-Thaw Durability Certification						
	Epoxy Concrete				Mix Designs submitted to the Central Lab for approval			
452	1		1		1	1 	l 	
FULL DEPTH SLAB REPLACEMENT	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i>	DOT 040	6' X 12" Or 4" X 8" Cylinders	(2 for 1 day,	ch placement date. , 2 for 3 day)		
		Air Content GDT-26	DOT-319	-	are made & as judge	equired when cylinders d necessary to ensure		
		Slump GDT-27]		adequate	e controls		

	Mix Temperature GDT-122					
Portland	Air Content T137			- QPL-3		
Cement	Fineness <i>M85</i>	-				
	Autoclave M85	-				
	Compressive Strength M85	DOT-175				
	Vicat T131	-				
	Chemical M85	-				
ine Aggregate	Gradation 727			One per 500 tons based upon QPL-1,	QPL-1 Sources, 1 per month, per active	
	Minus No.200 T11	DOT-658		based upon QPL-1,	month, per active	

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Sand Equivalent <i>GDT-63</i>			except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
	Coarse	Wash 200 T11						
	Aggregate	Gradation 727	DOT-658		One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
	Steel Bars for	Number <i>M31M</i>						
	Reinforcement	Weight M31M						
		Dimensions M31M		1 pc @ 24"	QPL-12 & QPL-61 w/Certified Mill Test	Random sampling at	Supplier, Fabricator or	
		Deformation Spacing M31M		per size	Reports.	Fabricator	Jobsite storage	
		Height & Gap M31M						
		Tensile Strength T244]					

	1	Yield Strength T244]		ĺ			
		Elongation T244						
		Bend Test 7285	-					
		Chemical M31M	-					
	Dowel Bars	Number <i>M31M</i>						
		Weight M31M						
		Dimensions M31M						
		Deformation Spacing M31M*	-					-
		Height & Gap M31M *	-	O have in				
		Tensile Strength T244	DOT-166A	3 bars in basket	QPL-43 w/Certified			*N/A for Plain Dowel Bars
		Yield Strength T244		assembly	Mill Test Report			
		Elongation T244	-					
	Bend Test 7285	Bend Test 7285	-					l
		Chemical M31M	-					
		Coating 853.08	-					
	Silicone	Tensile Stress ASTM D412	Certification		QPL-66			
					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Sealant	Durometer ASTM D2240						
		Bond <i>GDT-106</i>	-					
		Tack Free Time GDT-106						
		Extrusion GDT-106	-					
		Non-Volatile GDT-106			-			
		Specific Gravity ASTM D792	-					
		Adhesion GDT-106	-		-			
		Resistance ASTM C793	_		-			
	Epoxy Pot Life GDT-58							
		Bond Strength GDT-58	Certification 1	1 kit	QPL-15 <u>or</u> one sample per batch,		Stock	
		Shelf Life			per Type			