

Material Codes for Miscellaneous – Category Listing

Use for 1992, 2000 & 2006 Specifications

(MATT System Menu Selection No: 09)

Aggregates

Material Code		Description
Eng	Met	
672	***	AGGREGATE FOR PCC PAVEMENTS (TYPES B&D)
310	503	BACKFILL MATERIAL FOR MECHANICALLY STABILIZED EARTH WALL
321	***	BLOCK FILL MATERIAL FOR MECHANICALLY STABILIZED EARTH WALL
279	502	COARSE AGGREGATE FOR SOURCE APPROVAL
278	***	FINE AGGREGATE FOR SOURCE APPROVAL
***	650	LA SUPERPAVE AGGREGATES
***	662	MANUFACTURED FINES – CALCIUM CARBONATE
276	501	MICELLANEOUS AGGREGATE
275	***	SAND EQUIVALENT FOR ASPHALTIC CONCRETE SANDS

Asphaltic Materials

Material Code		Description
Eng	Met	
284	***	AEP EMULSIFIED ASPHALT
309	***	ANIONIC EMULSIFIED LATEX MODIFIED ASPHALT (SS-1L)
311	***	ANIONIC EMULSIFIED POLYMER MODIFIED ASPHALT (SS-1P)
***	635	ASPHALT CEMENT (AC 5)
***	636	ASPHALT CEMENT (AC10)
***	637	ASPHALT CEMENT (AC 20)
***	638	ASPHALT CEMENT (AC 30)
331	631	ASPHALT CEMENT (MG 10-30)
332	632	ASPHALT CEMENT (MG 20-40)
333	633	ASPHALT CEMENT (MG 30-50)
296	630	ASPHALT RUBBER
319	***	ASPHALTIC MIXTURES FOR COLD APPLICATION
283	***	CATIONIC EMULSIFIED PETROLEUM RESIN (EPR-1)
303	***	CRUMB RUBBER FOR ASPHALTIC CONCRETE MIX
242	***	EMULSIFIED POLYMERIZED ASPHALT (CRS-2P)
665		EMULSIFIED POLYMERIZED ASPHALT (CSS-1)
265	***	EMULSIFIED POLYMERIZED ASPHALT (CSS-1HP)
***	663	HOT APPLIED MOD.ASPH CEMENTS FOR ASPH SURF TREATMENT
***	639	HOT APPLIED MOD.ASPH CEMENT FOR AST (AC-15-5 TR, WITH RUBBER TIRES)
***	640	HOT APPLIED MOD.ASPH CEMENT FOR AST (PAC – 15)
***	***	PAC – 30 ALTERNATE
***	656	PERFORMANCE GRADED ASPHALT BINDER PG 58-28
***	657	PERFORMANCE GRADED ASPHALT BINDER PG 64-22
***	658	PERFORMANCE GRADED ASPHALT BINDER PG 70-22M
***	659	PERFORMANCE GRADED ASPHALT BINDER PG 70-22M (ALTERNATE)
***	660	PERFORMANCE GRADED ASPHALT BINDER PG 76-22M (ALTERNATE)
307	541	POLYMER MODIFIED ASPHALT CEMENT (PAC – 30)
308	542	POLYMER MODIFIED ASPHALT CEMENT (PAC – 40HG)

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Asphaltic Concrete Related Materials		
Material Code		Description
Eng	Met	
213	***	ABSON RECOVERY OF HMAC
105	547	ANTI-STRIP ADDITIVE
176	***	ASPHALT MIX RELEASE AGENT (QPL 25)
214	***	ASPHALT RIBBON
***	664	COLD APPLIED CHEMICALLY CURING SILICONE JOINT SEALANT (ASTM D5893)
334	634	COLD MIX ASPHALT (CM-90)
***	641	CORRECTION FACTOR FOR JMF
179	***	FUEL OIL
293	***	MINERAL FILLER (QPL 10)
238	551	MOISTURE CONTENT OF ASPHALTIC CONCRETE (LOOSE MIX – TR 319)
239	549	RETAINED ASPHALT COATING (TR 317 – METOND B)
275	***	SAND EQUIVALENT FOR ASPHALTIC CONCRETE SANDS
173	648	SILICONE ADDITIVE
273	552	TENSILE STRENGTH RATIO (TSR) OF ASPHALTIC CONCRETE (TR 322)
172	***	TOTAL ASH CONTENT

Fasteners		
Material Code		Description
Eng	Met	
205	526	ALUMINUM ALLOY BOLTS
234	***	CONCRETE ANCHOR SYSTEMS (QPL 40)
187	***	MECHANICAL BUTT SPLICE – REBAR (QPL 44) (REINFORCING STEEL)
198	***	MISCELLANEOUS HARDWARE
140	***	NAILS
207	528	NUTS
206	***	STEEL BOLTS
208	527	WASHERS

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Fencing Materials		
Material Code		Description
Eng	Met	
107	***	BARBED WIRE (CHAIN LINK FENCE)
232	508	BARBED WIRE
113	512	CHAIN LINK FABRIC
124	***	FABRIC BAND (CHAIN LINK FENCE)
126	***	FENCE POST CAP (CHAIN LINK FENCE)
125	507	FENCE POST (CHAIN LINK FENCE)
177	***	GROUND ROD ASSEMBLY
139	***	MICELLANEOUS FENCE PARTS
140	610	NAILS
149	***	RAIL SLEEVE COUPLING (CHAIN LINK FENCE)
155	611	STAPLES
158	***	STEEL FENCE POST (FIELD & LINE TYPE)
162	***	STRETCHER BAR (CHAIN LINK FENCE)
164	513	TENSION WIRE (CHAIN LINK FENCE)
165	506	TOP RAIL (CHAIN LINK FENCE)
171	514	WIRE TIES (CHAIN LINK FENCE)
244	516	WOVEN WIRE FOR FENCING

Joint Materials		
Material Code		Description
Eng	Met	
134	***	ADHESIVE LUBRICANT (QPL 8)
214	***	ASPHALT RIBBON
***	664	COLD APPLIED CHEMICALLY CURING SILICONE JOINT SEALANT (ASTM D 5893)
175	530	DOWEL BAR
119	***	DOWEL RACK ASSEMBLY (INCLUDES BAR, CAP & FILLER)
121	***	ELASTOMERIC COMPRESSION JOINT SEAL
130	***	HOT Poured ELASTIC TYPE JOINT SEALER
132	532	JOINT FILLER
219	***	JOINT FORMER/SEALER
145	***	POLYETHYLENE STRIP
189	***	POLYURETHANE POLYMER JOINT SEALER
147	***	PREFORMED POLYETHYLENE JOINT FILLER
215	***	PREFORMED POLYURETHANE FOAM JOINT FILLER
148	***	PVC EXTENDED COAL TAR JOINT SEALER
240	***	SILICONE POLYMER JOINT SEALER

Material Codes for Miscellaneous – Category Listing

Paint & Related Materials		
Material Code		Description
Eng	Met	
247	***	ACCELERATED TESTING OF COATING SYSTEMS
***	592	ALKYD TRAFFIC PAINT
277	***	ALUMINUM PAINT (TYPE 1)
***	621	COAL TAR EPOXY PAINTS
***	505	COATED GLASS BEADS FOR THERMOPLASTIC MARKINGS
245	***	EPOXY PAINTS
211	603	GLASS BEADS
***	652	GLASS BEADS (TYPE I LARGE BEADS)
***	504	LARGE EMBEDMENT COATED GLASS BEADS
***	594	MAINTENANCE WATERBORNE TRAFFIC PAINT
327	***	NTPEP TRAFFIC PAINT
287	***	ORGANIC ZINC PRIMER, QPL 37 - BASE
286	***	ORGANIC ZINC PRIMER, QPL 37 – CURE
***	620	PAINT CHIPS
142	***	PAINT/ THINNER
236	***	VINYL WASH PRIMER
***	593	WATERBORNE TRAFFIC PAINT

Pipe & Related Materials		
Material Code		Description
Eng	Met	
195	***	CONCRETE PIPE
295	***	CORRUGATED POLYETHYLENE PLASTIC PIPE
129	***	FLEXIBLE PLASTIC GASKET
230	***	METAL PIPE
263	***	PLASTIC PIPE
264	***	PLASTIC PIPE FITTINGS
323	***	POLYETHYLENE CULVERT PIPE (QPL 66)
262	***	POLYMER COATED STEEL PIPE (QPL 43)
152	***	RUBBER GASKET
201	***	VITRIFIED CLAY PIPE

Material Codes for Miscellaneous – Category Listing

Portland Cement Concrete & Related Materials		
Material Code		Description
Eng	Met	
101	585	ADMIXTURES FOR CONCRETE (QPL 58)
114	***	CHAIR/BOLSTER
193	***	CONCRETE COMPRESSION TEST
234	***	CONCRETE ANCHOR SYSTEMS (APPLIES ONLY TO QPL 40)
116	***	CONCRETE CYLINDER MOLDS
118	518	DEFORMED WELDED WIRE FABRIC
266	***	DRY BATCHED (PREPACKAGED) SACKED CONCRETE REVETMENT (QPL 48)
231	521	EPOXY COATED STEEL BAR REINFORCEMENT
235	586	EPOXY (QPL 32)
***	673	FLEXURAL BEAMS CAST FROM PAVING CONC
297	589	FLY ASH (QPL 50)
203	***	FORM RELEASE AGENT (QPL 29)
324	590	GRADE 120 FROUND IRON BLAST-FURNACE SLAG (QPL 70)
271	***	LIQUID MEMBRANE-FORMING COMPOUNS (QPL 65)
187	***	MECHANICAL BUTT SPLICE – REBAR (QPL 44)
229	***	NON-SHRINK GROUT (QPL 47)
143	517	PLAIN WELDED WIRE FABRIC
243	***	PLASTICIZED CEMENT (FOR PILE SPLICING)
144	***	POLYETHYLENE FILM
154	***	SPECIAL SURFACE FINISH FOR CONCRETE (QPL 14)
233	511	SULFUR MORTAR CAPPING COMPOUND
169	***	WATER
204	515	ZINC-COATED STEEL WIRE STRAND

Material Codes for Miscellaneous – Category Listing

Signing & Pavement Marking Materials		
Material Code		Description
Eng	Met	
102	510	ALUMINUM
237	***	BITUMINOUS ADHESIVE FOR BONDING RAISED PAVEMENT MARKERS
123	***	EPOXY ADHESIVE FOR PAVEMENT MARKERS (QPL 32)
211	603	GLASS BEADS
***	652	GLASS BEADS (TYPE I LARGE BEAD)
343	***	LRG EMB CTD GLASS BEADS FOR PAINTED TRAFF. STRIP
344	***	LRG EMB CTD GLASS BEADS FOR THERMOPLASTIC STRIP
320	***	NTPEP THERMOPLASTIC STRIPING MATERIALS
326	565	NTPEP TRAFFIC STRIPING TAPE
302	***	PREFORMED PAVEMENT MARKINGS (TYPE 2)
304	***	PREFORMED PAVEMENT MARKING TAPE (TYPE 1) (QPL 64)
298	***	RAISED PAVEMENT MARKERS (QPL 9)
222	***	RAISED PAVEMENT MARKERS (RUMBLE STRIPS)
269	***	RETROREFLECTIVE SIGN SHEETING
268	558	RETROREFLECTIVE SIGN SHEETING, TYPE VII
***	649	RETROREFLECTIVE SIGN SHEETING, TYPE VIII
250	***	RTF THERMOPLASTIC STRIPING MATERIAL
153	***	SIGNING MATERIAL
281	***	SOUTH 45° OUTDOOR EXPOSURE, PART 1
282	559	SOUTH 45° OUTDOOR EXPOSURE, PART 2
160	***	STEEL SHEETING
221	***	STEEL SIGN POST
290	***	TEMPORARY PAVEMENT MARKINGS
300	***	THERMOPLASTIC PAVEMENT MARKINGS
346	***	TRAFFIC PAINT

Special Asphalts / Additives (For use with HMAC Job Mix)		
Material Code		Description
Eng	Met	
331	631	ASPHALT CEMENT (MG 10-30)
332	632	ASPHALT CEMENT (MG 20-40)
333	633	ASPHALT CEMENT (MG 30-50)
296	630	ASPHALT RUBBER
334	634	COLD MIX ASPHALT (CM-90)
307	541	POLYMER MODIFIED ASPHALT CEMENT (PAC-30)
308	542	POLYMER MODIFIED ASPHALT CEMENT (PAC 40HG)
173	648	SILICONE ADDITIVE

Material Codes for Miscellaneous – Category Listing

Special Additives (For use with PCC Mix Design)

Special Additives (For use with PCC Mix Design)		
Material Code		Description
Eng	Met	
257	643	CITRIC ACID
***	642	CORROSION INHIBITOR
258	644	LATEX EMULSION
259	645	POLYMER FIBERS
260	646	SILICA FUME (MICRO SILICA)
261	647	STEEL FIBERS

Steel

Steel		
Material Code		Description
Eng	Met	
267	***	ADHESIVE ANCHOR SYSTEMS (QPL 52)
114	***	CHAIR/BOLSTER
118	518	DEFORMED WELDED WIRE FABRIC
175	530	DOWEL BAR
231	521	EPOXY COATED STEEL BAR REINFORCEMET
291	522	EPOXY COATINGS FOR REINFORCING BARS (QPL 51)
184	***	EXPANDED METAL (CARBON STEEL)
228	520	LOW RELAXATION STRAND
187	***	MECHANICAL BUTT SPLICE – REBAR (QPL 44) (REINFORCING STEEL)
143	517	PLAIN WELDED WIRE FABRIC
157	523	STEEL
***	***	STEEL BAR REINFORCEMENT
159	***	STEEL PIPE
221	***	STEEL SIGN POST
160	***	STEEL SHEETING
292	519	WIRE ROPE
204	515	ZINC-COATED STEEL WIRE STRAND

Material Codes for Miscellaneous – Category Listing

Other Miscellaneous Materials		
Material Code		Description
Eng	Met	
216	***	ALL PURPOSE BLASTING SAND
102	510	ALUMINUM
319	***	ASPHALTIC MIXTURES FOR COLD APPLICATION
109	529	BLOCKS & BRICKS
112	509	CAST IRON TEST BAR
202	***	CATTLE GUARD
301	***	CHEMICAL MATERIALS (MISCELLANEOUS)
194	***	CLEANING COMPOUND
193	***	CONCRETE COMPRESSION TEST
116	***	CONCRETE CYLINDER MOLDS
183	***	CREOSOTE
303	***	CRUMB RUBBER FOR ASPHALTIC CONCRETE MIX
342	***	DE-ICERS
289	***	DIAMOND DRILL BITS (FOR CORE DRILLING)
174	***	DIESEL FUEL
266	***	DRY BATCHED (PREPACK) SACKED CONC REVETMENT (QPL 48)
305	***	EDGE DRAIN (SHOULDER DRAIN)
120	568	ELASTOMERIC BRIDGE BEARING PAD
231	521	EPOXY COATED STEEL BAR REINFORCEMENT
235	586	EPOXY (QPL 32)
671	***	EROSION CONTROL SYSTEMS
127	***	FERTILIZER
128	***	FIBERGLASS ROVING
297	589	FLY ASH (QPL 50)
220	***	GASOLINE
322	***	GEOGRIDS FOR SOIL REINFORCING
288	***	GEOTEXTILE FABRIC (QPL 61)
185	***	GREASE
280	665	HERBICIDE APPLICATION AID
178	***	HERBICIDES (STERILANT OR WEEDKILLER)
131	***	HYDRAULIC JACK CALIBRATION
186	***	INDUSTRIAL WIPER
343	***	LRG EMB CTD GLASS BEADS FOR PAINTED TRAFF. STRIP
344	***	LRG EMB CTD GLASS BEADS FOR THERMOPLASTIC STRIP
318	***	LIME – AGRICULTURAL
316	***	LIME – HYDRATED
317	***	LIME – QUICKLIME
341	***	MICROSILICA (SILICA FUME) QPL 75
198	***	MISCELLANEOUS HARDWARE
341	***	NON-SHRINK GROUT
188	***	OIL
180	***	PAPER TOWEL
212	***	PLASTIC ELECTRICAL TAPE

Material Codes for Miscellaneous – Category Listing

Other Miscellaneous Materials		
Material Code		Description
Eng	Met	
243	***	PLASTICIZED CEMENT (FOR PILE SPLICING)
144	***	POLYETHYLENE FILM
146	***	PREFABRICATED MASONRY PAD
151	***	ROOFING FELT
190	***	SOLVENT (KEROSENE OR MINERAL SPIRITS)
233	511	SULFUR MORTAR CAPPING COMPOUND
166	***	TORQUE WRENCH CALIBRATION
192	***	TRAFFIC CONE
274	***	UNDERWATER BRIDGE INSPECTION, SOIL & WATER ANALYSIS
306	***	WALL DRAIN (SINGLE SIDED)
169	***	WATER
292	519	WIRE ROPE
217	***	WOOD PRESERVATIVE
***	673	FLEXURAL BEAMS CAST FROM PAVING CONC