

CV RUNDAWA TEKNIK

Jl. Cihanjuang No. 182, Kota Cimahi, Jawa barat , Indonesia , 40513

Mobile phone : 0812 2196 117

www.generalkontraktor.co.id

NO.	TYPE	U R A I A N	Q'TY	HARGA SATUAN (Rp.)
151	RI-100	SPECIFIC GRAVITY OF SEMI - SOLID BITUMINOUS MATERIALS ASTM D-70 / AASHTO T-228 <u>Consist of :</u>	1 set	1.000.000
	RI-101	Picnometer Hubbart type, 24 ml capacity.	1 pc	
	RI-102	Picnometer Hubbart type, 25 ml capacity.	1 pc	
	RG-641	Thermometer ASTM 12 C, 20 to 102 deg.C	1 pc	
152	RI-110	DISTILATION OF CUTBACK ASPHALTS ASTM D-402 / AASHTO T-78 <u>Consist of :</u>	1 set	4.250.000
	RI-111	Flask Heat resistance glass 500 ml capacity, with side arm.	1 set	
	RI-112	Condenser Glass, jacketed.	1 set	
	RI-113	Adapter Heat resistance glass.	1 set	
	RI-114	Shield Metal, asbestos lined, glass window.	1 set	
	RI-115	Shield and Flask Support Variable height adjustment.	1 set	
	RI-116	Support and Clamp Metal, provided with clamps.	1 set	
	RG-230	Bunsen Burner Heat resource.	1 pc	
	RG-237	Asbestos Wire Gauze 15 cm x 15 cm.	1 pc	
	RG-402	Graduated Cylinder 100 ml capacity.	1 pc	
	RG-649.1	Thermometer ASTM 7 C, 2 to 300 deg.C	1 pc	

153	RI-120	WATER CONTENT IN PETROLEUM PRODUCTS ASTM D-95 / AASHTO T-55 <u>Consist of :</u>	1 set	2.000.000	
	RI-121	Flask Heat resistance glass, 500 ml capacity.	1 pc		
	RI-122	Water Trap Glass for receiving distilled water	1 pc		
	RI-123	Condenser Glass, jacketed.	1 pc		
	RI-124	Support Assembly For holding apparatus assembly.	1 set		
	RI-125	Flask Support Variable height adjustment.	1 pc		
	RG-230	Bunsen Burner Heat resource.	1 pc		
	RG-237	Asbestos Wire Gauze 15 cm x 15 cm.	1 pc		
154	RI-150A	SAYBOLT VISCOSIMETER ASTM D-402 / AAHSTO T-78 <u>Consist of :</u>	1 set	19.000.000	
	RI-151	Viscosimeter Stainless steel bath, motor stirrer, 220 V-AC, Thermostat control panel, 2 tubes capacity.	1 set		
	RI-154	Viscosimeter Tube Brass, seamless, provided with tips and tip wrench.	2 pcs		
	RI-155	Tube Wrench T-wrench.	1 pc		
	RI-156	Pipet Brass with rubber bulb.	1 pc		
	RI-157	Thermometer Support Alumunium plate.	2 pcs		
	RI-158	Flask 60 ml capacity.	2 pcs		
	RI-159	Funnel Brass, 60 angle.	1 pc		
	RG-644.1	Thermometer ASTM 17 C, 19 to 27 deg.C	2 pcs		
	RG-644.2	Thermometer ASTM 18 C, 34 to 42 deg.C	2 pcs		
	RG-644.3	Thermometer ASTM 19 C, 49 to 57 deg.C	2 pcs		
	RG-644.4	Thermometer ASTM 20 C, 57 to 65 deg.C	2 pcs		
	RG-644.5	Thermometer ASTM 21 C, 79 to 87 deg.C	2 pcs		
	RG-644.6	Thermometer ASTM 22 C, 95 to 103 deg.C	2 pcs		

155	RI-200	FLASH AND FIRE POINT BY CLEVELAND OPEN CUP ASTM D-92 / AASHTO T-48 <u>Consist of :</u>	1 set	3.500.000	
	RI-201	Flash Cup	1 pc		
	RI-202	Brass, insulation handle Cleveland Gas			
		<u>Consist of :</u>			
	RI-202.1	Burning Pipe	1 pc		
		Brass pipe, insulation handle.			
	RI-202.2	Flash Cup Plate	1 pc		
		Steel Plate.			
	RI-202.3	Support	1 pc		
		Adjustable height metal, thermometer holder.			
	RI-203	Y-Connector	1 set		
		Brass, provided with gas hose.			
	RG-230	Bunsen Burner	1 pc		
		Heat resources.			
	RG-648	Thermometer	1 pc		
		ASTM 11 C, 6 to 400 deg.C			
156	RI-200 A	FLASH AND FIRE POINT BY CLEVELAND OPEN CUP ASTM D-92 / AASHTO T-48 <u>Consist of :</u>	1 set	6.500.000	
	RI-201	Flash Cup	1 pc		
		Brass, insulation handle.			
	RI-202 A	Cleveland Electric	1 set		
		Electric, 220 V-AC, heating speed control.			
	RG-648	Thermometer	1 pc		
		ASTM 11 C, 6 to 400 deg.C			
157	RI-210	SOFTENING POINT TEST SET ASTM D-36 / AASHTO T-53 <u>Consist of :</u>	1 set	3.500.000	
	RI-211	Shouldered Ring Assembly	1 set		
		Machine brass, height adjustment.			
	RI-212	Standard Ball	2 pcs		
		Steel ball.			
	RI-213	Flash Support	1 set		
		Mesh wire gauze variable height adjustment.			
	RI-214	Support Assembly	1 set		
		Metal, provided with thermometer holder.			
	RG-230	Bunsen Burner	1 pc		
		Heat resources.			
	RG-237	Asbestos Wire Gauze	1 pc		
		15 cm x 15 cm.			
	RG-424	Beaker Glass	1 pc		
		100 ml capacity.			
	RG-646.1	Thermometer	1 pc		
		ASTM 15 C, 2 to 80 deg.C			

158	RI-220	LOSS ON HEATING / THIN-FILM TEST ASTM D-6/D-1754 AASHTO T-47/T-179	1 set	25.000.000	
	RI-221	Consist of : Revolving Shelf Oven (LOKAL) Variable temperature oven, cast aluminium rotating shelf, 5-6 rpm, external electromotor drive, 220 V-AC, 1400 W.	1 set		
	RG-390	Thin Box 55 mm i.d. approx, aluminium sheet, seamless.	12 pcs		
	RG-643	Thermometer ASTM 13 C, 155 to 170 deg.C	1 pc		
159	RI-230	LABORATORY PENETRATION TEST SET ASTM D-5 / AASHTO T-49	1 set	6.750.000	
	RI-231	Consist of : Penetrometer Cast aluminium frame, 4 1/2" dial indicator, 400 x 0.1 mm dial, single knob control, weight of needle and flunger : 50 gr.	1 set		
	RI-232	Penetration Needle Steel needle with brass shank, 1 mm dia.	2 pcs		
	RI-233	Transfer Dish Glass, 100 mm i.d approx.	1 pc		
	RG-390	Thin Box, 55 mm i.d approx, aluminium sheet, seamless.	2 pcs		
160	RI-230 A	LABORATORY PENETRATION TEST SET ASTM D-5 / AASHTO T-49	1 set	7.000.000	
	RI-231 A	Consist of : Penetrometer Electric control box, 220 V-AC variable timer, ON-OFF and START switch for automatic plunger release cast aluminium frame, 4 1/2" dial indicator, 400 x 0.1 mm dial, knob control : manual + electric, weight of needle and flunger : 50 gr.	1 set		
	RI-232	Penetration Needle Steel needle with brass shank, 1 mm dia.	2 pcs		
	RI-233	Transfer Dish Glass, 100 mm i.d approx.	1 pc		
	RG-390	Thin Box 55 mm i.d approx, aluminium sheet, seamless.	2 pcs		

161	RI-250	DUCTILITY OF BITUMINOUS MATERIALS TEST SET ASTM D-113 / AASHTO T-51	1 set	19.500.000	
	RI-251	Consist of : Ductility Mold	1 set		
	RI-253	Form sample shape and hold end during test, made of brass, provided with base. Ductility Machine Electric 220 V-AC, stainless steel bath, provided with temperature control. Pulling speed : 5 cm/min Travel range : 150 cm.	1 set		
162	RI-300	CENTRIFUGE EXTRACTOR TEST SET ASTM D-2172 / AASHTO T-164	1 set	7.500.000	
	RI-301	Consist of : Centrifuge Extractor Hand operated, aluminium housing removeable cover and bowl, 1500 gr capacity.	1 set		
	RI-303	Filter Paper Low ash filter paper.	1 box		
163	RI-300 A	CENTRIFUGE EXTRACTOR TEST SET ASTM D-2172 / AASHTO T-164	1 set	9.000.000	
	RI-305	Consist of : Centrifuge Extractor Electric, 220 V-AC, variable speed DC motor up to 3600 rpm, aluminium housing, removeable cover and bowl, 1500 gram capacity.	1 set		
	RI-303	Filter Paper Low ash filter paper.	1 box		
164	RI-310	REFLUX EXTRACTOR TEST SET ASTM D-2172 / AASHTO T-164	1 set	9.500.000	
	RI-311	Consist of : Reflux Extractor			
	RI-311.1	Consist of : Glass Jar Pyrex, 6" i.d approx.	1 pc		
	RI-311.2	Funnel Two wire mesh screen cone.	1 pc		
	RI-311.3	Condensor Brass / copper	1 pc		
	RI-312	Hot Plate 220 V-AC, 1000/1500 watt.	1 set		
	RI-313	Filter Paper Low ash filter paper.	1 box		
	RG-237	Asbestos Wire Gauze, 15 cm x 15 cm.	1 pc		

165	RI-320	MARSHALL TEST SET ASTM D-1559 / AASHTO T-245	1 set	24.000.000	
		<u>Consist of :</u>			
	RI-321	Compression Machine Steel frame electric, 220 V-AC, 1/2 HP 1 Phase, speed : 2" per-minute.	1 set		
	RI-322	Compaction Mold Machine steel, plated, 4" dia., 3" height, with collar and base plate.	1 set		
	RI-323	Stability Mold Cast alumunium, split type 4" i.d., 4" wide.	1 set		
	RI-324	Compaction Hammer Machine steel, plated 10 lbs, hammer weight, 18" drop height.	1 set		
	RI-326	Compaction Pedestal Wooden base with steel platen.	1 pc		
	RI-327	Compaction Mold Holder Machine steel, quick clamping system	1 set		
	RI-328	Extruder	1 set		
	RI-329	Steel frame, hydraulic system. Flow Meter Cast alumunium, clamping bolt, with dial indicator 30 x 0.01 mm.	1 set		
	RG-200	Water Bath Stainless steel, water heater, 220 V-AC thermostat 30 - 85 deg.C	1 set		
	RG-101/6	Proving Ring 6000 lbs capacity.	1 set		
166	RI-400	CORE DRILLING TEST SET	1 set	22.000.000	
		<u>Consist of :</u>			
	RI-401	Core Drilling Machine Cast alumunium frame, gasoline engine 7,5 HP, 4 cyle vertical drilling position : rubber caster, up to 4" dia. bit.	1 set		
	RI-406	Diamond Bit 4" inner dia.	1 pc		
	RI-407	Sample Tong 4" dia.	1 pc		
	RI-408	Breaking Strip Galvanized steel.	1 pc		
	RI-409	Spanner Steel, 42 mm and 32 mm.	2 pcs		

167	RI-450	BENKLEMAN BEAM	1 set	11.000.000
		<u>Consist of :</u>		
	RI-451	Fixed Beam Alumunium profile frame, 3 points adjuster, with vibrator and dial holder. Alumunium strip arm, 1 : 2 level ratio.	1 set	
	RI-455	Tire Gauge 120 psi capacity.	1 pc	
	RI-456	Surface Thermometer Range 0 - 100 deg.C	1 pc	
	RG-137	Dial Indicator Range 30 x 0.01 mm.	1 pc	
168	RI-460	PERCENTAGE REFUSAL DENSITY / PR BS 598-104, EN 12697-32, 13280-4	1 set	27.500.000
		<u>Consist of :</u> Percentage Refusal Density / PRD, is defined as ratio of the initial dried density of the sample to the final density (refusal density) expressed a percentage. The sample bulk density is determined by weighing in air and water. It is then heated in a split mould and compacted to refusal using a vibrating hammer. The final density is obtained by weighing in air and water.		
	RI-461	Main Unit: PRD Split Mould and Baseplate Weight 10,7 kg.	1 set	
	RI-462	Accessories: Vibrating Hammer Suitable for compacting asphalt samples. For 220-240 V, 50-60 Hz, 1 ph. <u>Weight 12,5 kg.</u>	1 set	
	RI-463	Small Tamping Foot 102 mm diameter.	1 pc	
	RI-464	Large Tamping Foot 146 mm Diameter	1 pc	
	RI-465	300mm Shank, For Tamping foot	1 pc	

168	RI-470	MOT STRAIGHT EDGE	1 set	3.500.000
		<u>Consist of :</u>		
	RI-471	Mot Straight Alumunium profile, 3 meter length, with handle.	1 pc	
	RI-472	Metric Wedges Variable measurement from 2.5 - 7.5 cm, machine cast alumunium	1 pc	