

NSIC TECHNICAL SERVICES CENTRE

(TIGAON ROAD, NEEMKA, SECTOR-72, FARIDABAD)

RATE CARD

S NO.	DESCRIPTION OF MATERIALS & TEST PARAMETER	TEST METHOD	SAMPLE SIZE (QUANTITY)	CHARGES AT NTSC NEEMKA (In Rs.) including GST
1	STEEL/GI PIPE/GI WIRE			
a	CHEMICAL TEST	Refer to Scope 1. Aluminium & its alloys 2. Carbon Steel 3. Copper & its alloys	Sheet: Length 30mm thickness 1mm Rod: Length 30mm Dia 14mm	295/-
b	PHYSICAL TEST	Refer to Scope 1. Ferrous Materials, Alloys & Products	Length 300mm width 100mm	1. Tensile Test: Rs. 1,180/- 2. Yield Stress/ Proof Stress: Rs. 354/- 3. Modulus of Elasticity: Rs. 354/-
2	RUBBER TESTING	Refer to Scope 1. Natural Rubber & Products	Length 200mm Width 100mm	1. Tensile Test: Rs. 1,180/- 2. Yield Stress/ Proof Stress: Rs. 354/- 3. Modulus of Elasticity: Rs. 354/-
3	PLASTIC TESTING	Refer to Scope 1. Plastic Materials & Products	Length 200mm Width 100mm	1. Tensile Test: Rs. 1,180/- 2. Yield Stress/ Proof Stress: Rs. 354/- 3. Modulus of Elasticity: Rs. 354/-

Sample preparation @300.00 shall be charged extra.

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SCOPE FOR MECHANICAL & CHEMICAL TEST

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E1251
2	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E1251
3	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E1251
4	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Magnesium	ASTM E1251
5	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E1251
6	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Nickel	ASTM E1251
7	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E1251
8	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E1251
9	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E1251
10	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E1251
11	CHEMICAL-METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E1251
12	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Aluminium	IS 8811:1998 RA
13	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Carbon	IS 8811:1998 RA
14	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Chromium	IS 8811:1998 RA

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15	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Copper	IS 8811:1998 RA
16	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Manganese	IS 8811:1998 RA
17	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Molybdenum	IS 8811:1998 RA
18	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Nickel	IS 8811:1998 RA
19	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Phosphorus	IS 8811:1998 RA
20	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Silicon	IS 8811: 1998 RA
21	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Sulphur	IS 8811:1998 RA
22	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Tin	IS 8811:1998 RA
23	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Titanium	IS 8811:1998 RA
24	CHEMICAL-METALS & ALLOYS	Carbon Steel (Low, Medium & High Carbon Steel)	Vanadium	IS 8811:1998 RA
25	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Aluminum	BS EN 15079
26	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
27	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079
28	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Lead	BS EN 15079
29	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
30	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079
31	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Phosphorus	BS EN 15079

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	ALLOYS			
32	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
33	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Tin	BS EN 15079
34	CHEMICAL-METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	IS 1599
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elongation	IS 1608 (Part 1)
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Strength	IS 1608 (Part 1)
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	IS 1608 (Part 1)
39	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Elongation	IS 12235 (Part 13):2004 RA
40	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Tensile Strength	IS 12235 (Part 13):2004 RA
41	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Natural Rubber & Products	Elongation	IS 3400 (Part 1):2012 RA
42	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Natural Rubber & Products	Tensile Strength	IS 3400 (Part 1):2012 RA

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SNO.	DESCRIPTION OF MATERIALS & TEST PARAMETER	TEST METHOD	SAMPLE SIZE (QUANTITY)	CHARGES AT NTSC NEEMKA (In Rs.) including GST
1	CEMENT (OPC AND PPC)	IS 269-2015	30KG	11,800.00
2	COARSE AGGREGATE & FINE AGGREGATE (IS 383-2016)			
a	SIEVE ANALYSIS	IS 2386(P-1)	10 KG	1,060.00
b	SPECIFIC GRAVITY	IS 2386(P-3)	5 KG	1,060.00
c	BULK DENSITY	IS 2386(P-3)	20 KG	1,060.00
d	MOISTURE CONTENT	IS 2386(P-3)	5 KG	530.00
e	WATER ABSORPTION	IS 2386(P-3)	5 KG	530.00
f	IMPACT VALUE	IS 2386(P-4)	30 KG	530.00
g	CRUSHING VALUE	IS 2386(P-4)	50 KG	1,060.00
h	ABRASION VALUE	IS 2386(P-4)	100 KG	1,060.00
i	FLAKINESS AND ELONGATION	IS 2386(P-1)	20 KG	1,060.00
j	SOUNDNESS TEST	IS 2386(P-5)	20 KG	530.00
k	AGGREGATE STRIPPING VALUE	IS 6241	20 KG	1,770.00
l	DELETERIOUS MATERIAL	IS 2386(P-2)	20 KG	1,590.00
m	TEN % FINE VALUE TEST	IS 2386(P-4)	50 KG	1,060.00
n	GSB,WMM,WBM MIX DESIGN	MORT & H SPECIFICATION	200 KG	11,800.00
o	SILT CONTENT	IS 2386 (P-2)	10 KG	1,060.00
3	BRICK, CONCRETE DESIGNS (IS 1077, IS12894, IS 10262)			
a	COMPRESSIVE STRENGTH	IS 3495 P-1	20NOS	1,590.00
b	WATER ABSORPTION	IS 3495 P-2	20NOS	530.00
c	DIMENSION	IS 3495 P-3	20NOS	530.00
d	EFFLORESCENCE	IS 3495 P-4	20NOS	530.00
e	MIX DESIGN (M20,M25,M30,M35,M40,M50)	IS 10262-2019	200KG	33,980.00
f	CONCRETE CORE CUTTING TESTING	IS 516 P-2	3NOS	1,180.00
4	SOIL AND SUB BASE MATERIAL			
a	LIQUID LIMIT & PLASTIC LIMIT	IS 2720P-5	20KG	3,720.00

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b	SPECIFIC GRAVITY / SEIVE ANALYSIS	IS 2720P-3	10KG	1,060.00
c	PROCTOR TEST (MDD ,OMC TEST)	IS 2720P-8	50KG	3,720.00
d	DIRECT SHEAR TEST	IS 2720P-13	20KG	10,620.00
e	LABORATORY CBR TEST	IS 2720P-16	50KG	9,560.00
f	MOISTURE CONTENT	IS 2720P-02	10KG	530.00
g	DENSITY BY SAND REPLACEMENT METHOD	IS 2720P-28	FIELD TEST	1,420.00
h	DENSITY BY CORE REPLACEMENT METHOD	IS 2720P-29	FIELD TEST	2,360.00
I	PERMEABILITY TEST	IS 2720P-17	100KG	5,900.00
J	FREE SWELL INDEX	IS 2720P-40	10KG	850.00
5	BITUMEN & BITUMEN MATERIAL			
a	BITUMEN TESTING	IS 73	10LTR	11,680.00
b	MIX DESIGN (BC,DBM,SDAC,DAC)	AS PER MORT&H AND IRC	200KG	29,500.00
c	BITUMEN CONTENT TEST	IRC -29	10KG	5,310.00
d	BITUMEN CORE DENSITY	IRC -29, MORTH	3 NOS	3,540.00
e	BITUMEN CORE CUTTING TEST	IRC -29, MORTH	3 NOS	3,540.00
6	WOOD/PLYWOOD/TIMBER			
a	MOISTURE CONTENT	IS 11215,1708	1 MTR	530.00
b	SPECIFIC GRAVITY	1708-P-2	1MTR	530.00
7	PAVER BLOCK	IS 15658-2021	20 NOS	4,780.00
8	NDT TESTING			
a	REBOUND HAMMER TEST	IS 13311P-2	FIELD TEST	1180/Point
b	ULTRASONIC PULSE VELOCITY TEST	IS 13311P-1	FIELD TEST	1180/Point
9	WATER TESTING			
a	DRINKING PURPOSE	IS 10500	10LTR	2,360.00
b	CONSTRUCTION PURPOSE	IS 456	10LTR	425.00
10	PVC PIPE	IS 4985	3MTR	1,180.00

Sample preparation @300.00 shall be charged extra.