

GOVERNMENT OF INDIA  
 Ministry of Micro, Small and Medium  
 Enterprises, MSME TESTING CENTRE, Okhla,  
 New Delhi-110020

Annexure 'x'

TEST CHARGES W.E.F. 11.04.2018

Sl. No.	Name of the Test	Test Charges in Rs.
<b>TESTING CHARGES</b>		
1	<b>Tensile Test</b>	
	A. Metallic Materials	
	i. Pipes & Tubes	1705
	ii. Other than Pipes & Tubes	1375
	B. Non-Metallic Materials	1293
2	<b>Bend Test</b>	
	i. Pipes & Tubes	1705
	ii. Other than Pipes & Tubes	1293
3	<b>Drift Test/ Flattening Test</b>	1452
4	<b>Crushing Strength</b>	1452
5	<b>Compression Test</b>	
	i. PVC Pipes & Tubes	1705
	ii. Other than PVC Pipes & Tubes	2090
6	<b>Load Test IS : 12592-1988/ 2002</b>	2750
7	<b>Deflection under Load</b>	1375
8	<b>Bonding Strength by Shear, Stripping, Tensile</b>	1293
9	<b>Re-bend Test</b>	1375
10	<b>Torsion Test</b>	1375
11	<b>Wrapping Test</b>	1210
12	<b>Cast of the wire</b>	825
13	<b>Transverse Test</b>	1375
14	<b>Hardness Test</b>	
	i. HRA/ HRB/ HRC	660
	ii. Vicker's / Brinell	968
	iii. Micro Hardness	1452
	iv. Hardness Shore	1293
15	<b>One Extra copy of Report per Page</b>	500
	<b>or Limited to 4 Pages &amp; above</b>	1045
16	<b>Kg/m or Per Dimension</b>	495
17	<b>Deformation Characteristics</b>	2090
18	<b>Visual/ Marking/ Workmanship</b>	495
19	<b>Machining Charges</b>	825
20	<b>Drilling Charges</b>	495
21	<b>Collapse Test</b>	1705
<b>CALIBRATION CHARGES</b>		
22	<b>Proving Ring</b>	5236

Note: (i) 25 % discount will be given to the MSME. (ii) Taxes as applicable will be extra

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 11/04/2018

Suwendu Kumar Pati  
 11/04/2018

COUNTERSIGNED

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HODC *[Handwritten Signature]* Suwendu Kumar Pati  
 11/04/2018

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**Clause wise Break up of Test Charges**

Sl. No.	ISS & Clause Ref.	Name of the Product	Test/ Requirement	Testing Charges	Remarks
1	<b>IS-279-1981</b>	Galvanized Steel Wire for Telegraph & Telephone Purposes			
	(a) Clause 5		Chemical Composition	3795	
	(b) Clause 6.2		Wrapping Test	1210	
	(c) Clause 6.3		Tensile Test	1375	
	(d) Clause 6.4		Coating Test	1320	
	(e) Clause 6.5		Resistance Test	1573	
	(f) Clause 8		Freedom from Defect	495	
	<b>TOTAL</b>			<b>9768</b>	
2	<b>IS-280-2006</b>	Mild Steel Wire for General Engineering Purposes			
	(a) Clause 6		Chemical Composition	4895	
	(b) Clause 7		Dimension (Diameter)	495	
	(c) Clause 9.1		Tensile Test	1375	
	(d) Clause 9.2		Wrapping Test	1210	
	(e) Clause 9.3		Bend Test	1293	
	(f) Clause 11		Coating Test	2640	
	(g) Clause 13		Freedom From Defects	495	
<b>TOTAL</b>		<b>12403</b>			
3	<b>IS-398-Pt-II-1996</b>	Aluminium Conductors for Over Head Transmission Purposes (Aluminium Conductors, Galvanized Steel-Reinforced)			
	(a) Clause 7		Freedom From Defects	495	
	(b) Clause 8.1.1		Nominal Size	532	
	(c) Clause 13.3		Breaking Load Test	1375	
	(d) Clause 13.4.1		Torsion Test	1375	
	(e) Clause 13.5		Wrapping Test	1210	
	(f) Clause 13.6		Resistance Test	1573	
	(g) Clause 13.7		Galvanizing Test	1320	
<b>TOTAL</b>		<b>7880</b>			
4	<b>IS-432-Pt-I-1982</b>	Mild Steel & Medium Tensile Steel Bars & Hard-Drawn Steel Wires for Concrete Reinforcement			
	(a) Clause 4		Chemical Composition	3795	
	(b) Clause 5		Freedom From Defects	495	
	(c) Clause 6		Nominal Sizes	532	
	(d) Clause 9.2		Tensile Test	1375	
	(e) Clause 9.3		Bend Test	1293	
<b>TOTAL</b>		<b>7490</b>			
5	<b>IS-432-Pt-II-1982</b>	Mild Steel & Medium Tensile Steel Bars & hard Drawn Steel Wires For Concrete Reinforcement			
	(a) Clause 3		Chemical Composition	3795	
	(b) Clause 4		Freedom From Defect	495	
	(b) Clause 5		Nominal Sizes	532	
	(c) Clause 8.2		Tensile Test	1375	
	(d) Clause 8.3		Reverse Bend Test	1375	
<b>TOTAL</b>		<b>7572</b>			

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6	<b>IS-736-1986</b>	Wrought Aluminium & Aluminium Alloy Plate For General Engineering Purposes			
	(a) Clause 4		Freedom From Defects	495	m/c
	(b) Clause 5		Chemical Composition	7095	
	(c) Clause 6		Tensile Test	2200	
	<b>TOTAL</b>			<b>9790</b>	
7	<b>IS-737-2008</b>	Wrought Aluminium & Aluminium Alloy Sheet & Strip for General Engineering Purposes			
	(a) Clause 5		Freedom From Defects	495	m/c
	(b) Clause 6		Chemical Composition	7095	
	(c) Clause 7.1		Tensile Test	2200	
	(d) Clause 7.2		Bend Test	2118	
<b>TOTAL</b>		<b>11908</b>			
8	<b>IS-1161-1998</b>	Steel Tubes for Structural Purposes			check
	(a) Clause 5		Chemical Composition	4895	
	(b) Clause 6		Dimension & Weights	1596	
	(c) Clause 7		Workmanship	495	
	(d) Clause 8		Galvanizing	1320	
	(e) Clause 9		Straightness	1288	
	(f) Clause 11.2		Tensile Test	1705	
	(g) Clause 11.3.1		Cold Bend Test	1705	
	(h) Clause 11.3.2		Flattening Test	1452	
	<b>TOTAL</b>			<b>14456</b>	
9	<b>IS-1239-Pt.-I-2004</b>	Mild Steel Tubes, Tubular Structures & other wrought fittings			
	(a) Clause 7		Chemical Composition	4895	
	(b) Clause 8		Dimension & Mass	1596	
	(c) Clause 12		Galvanizing	1320	
	(d) Clause 13		Leak Tightening Test	0	
	(e) Clause 14.1		Tensile Test	1705	
	(f) Clause 14.2		Bend Test	1705	
	(g) Clause 14.3		Flattening Test	1452	
	(h) Clause 15		Workmanship	495	
	(i) Clause 17		Marking	495	
<b>TOTAL</b>		<b>13663</b>			
10	<b>IS-1566-1982</b>				
	(a) Clause 4.1		Chemical Composition	3795	
	(b) Clause 6.1		Dimensions	1815	
	(c) Clause 8		Mass	495	
	(d) Clause 11.2		Tensile Test	1375	
	(e) Clause 11.3		Bend Test	1705	
	(b) Clause 11.3.1		Reverse Bend Test	1375	
<b>TOTAL</b>		<b>10560</b>			
11	<b>IS-1786-2008</b>	Plain Hard-Drawn steel Wire for Prestressed Concrete			3300/- extra for carbon equivalent.
	(a) Clause 4.2		Chemical Composition	3795	
	(b) Clause 5.2		Deformations & Surface characteristics	2090	
	(c) Clause 7.2		Mass	495	
	(d) Clause 8.1		Tensile Test	1375	
	(e) Clause 9.3		Bend Test	1293	
	(f) Clause 9.4		Re bend Test	1375	
<b>TOTAL</b>		<b>10423</b>			

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12	<b>IS-3589-2001</b>	Seamless or Electrically welded Steel Pipes for water, gas and sewage		
	(a) Cl. 8		Chemical Composition	4895
	(d) Cl.11.1.1		Mass	495
	(e) Cl.9.1		Tensile Test	1705
	(f) Cl.9.2		Flattening Test	1452
	(g) CL9.3		Guided Bend Test(ForSAW Pipes)	1705
	(c) Cl.12.3-12.5		Dimensions	2128
	(h) Cl 14		Workmanship	495
	(i) Cl 18		Marking	495
	<b>TOTAL</b>			<b>13370</b>
13	<b>IS-3601-2006</b>	Steel Tubes for Mechanical and General Engineering Purposes		
	(a) CL4.2		Chemical Composition	3795
	(b) CL8		Straightness	1288
	(c) CL10		Dimensions	2128
	(d) CL11		Surface Protection	1320
	(e) CL13.1		Tensile Test	1705
	(f)CL13.2		Flattening Test	1452
	(g)CL13.3		Bend Test(Strip)	1375
	(h)CL13.4		Bend Test,, Whole Tube	1375
	(i) Clause 13.5		Drift Expansion	1452
	(j) Clause 13.6		Crushing Test	1452
	<b>TOTAL</b>			<b>17342</b>
14	<b>IS-4270-2001</b>	Steel Tubes used for water wells		
	(a)CL5.2		Chemical Composition	3795
	(d) Cl. 6.1		Tensile Test	1705
	(e) Cl. 6.2		Flattening Test	1452
	(b)CL7		Dimensions	3529
	(c) CL 7.3		Straightness	1288
	(f) Cl. 8		Hydraulic Pressure Test	0
	(g) Cl 12		Coating of Tubes	1320
	(h) CL 14		Workmanship	495
	(i) CL 15		Marking	495
	<b>TOTAL</b>			<b>14079</b>
15	<b>IS-4454-2001-Pt-I</b>	Steel for Cold Formed Springs		
	(a) Clause 7		Chemical Composition	7095
	(b) Clause 8		Freedom from Defects	495
	(c) Clause 9		Dimension	532
	(d) Clause 10.1		Tensile Test	1375
	(e) Clause 10.2		Wrapping Test	1210
	(f) Clause 10.3		Tortion Test	1375
	(g) Clause 10.4		Bend Test	1293
	(h) Clause 10.6		Cast of the wire	825
<b>TOTAL</b>		<b>14200</b>		

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16	<b>IS-4454-2001-Pt-II</b>	Steel for Cold Formed Springs		
	(a) Clause 7		Chemical Composition	9295
	(b) Clause 8		Freedom from Defects	495
	(c) Clause 9		Dimension	532
	(d) Clause 10.1		Tensile Test	1375
	(e) Clause 10.2		Wrapping Test	1210
	(f) Clause 10.3		Tortion Test	1375
	(g) Clause 10.4		Bend Test	1293
	(h) Clause 10.6		Cast of the wire	825
	<b>TOTAL</b>			<b>16400</b>
17	<b>IS-4454-2001-Pt-IV</b>	Steel for Cold Formed Springs		
	(a) Clause 7		Chemical Composition	9295
	(b) Clause 8		Freedom from Defects	495
	(c) Clause 9		Dimension	532
	(d) Clause 10.1		Tensile Test	1375
	(e) Clause 10.2		Wrapping Test	1210
	(f) Clause 10.3		Torsion Test	1375
	(g) Clause 10.5		Bend Test	1293
	(h) Clause 10.4		Cast of the wire	825
	<b>TOTAL</b>			<b>16400</b>
18	<b>IS-4923-1997</b>	Hollow Steel Sections for Structural Purposes		
	(a) Clause 6		Chemical Composition	3795
	(b) Clause 8		Dimension & Weights	1064
	(c) Clause 9		Straightness & Twist	1288
	(d) Clause 12		Marking	495
	(e) Clause 18.1		Tensile Test	1705
<b>TOTAL</b>		<b>8347</b>		
19	<b>IS-7094-1984</b>	Aluminium & Aluminium Alloy Welded Tubes for General Engg. Purposes		
	(a) Cl.4		Workmanship & Finish	495
	(b) Cl.5.1		Chemical Composition	10395
	(c) Cl.5.2		Tensile Strength	1705
	(d) Cl.5.3		Drift Expansion	1452
	(e) Cl.8		Dimension	1064
<b>TOTAL</b>		<b>15111</b>		
20	<b>IS-9537-Pt-2-1981</b>	Rigid Steel Conduit Pipe		
	(a) Clause 6.1		Marking	495
	(b) Clause 7.1		Dimension+ uniformity of thick.	2395
	(c) Clause 7.4		Thread Characteristics	1933
	(d) Clause 8		Construction	495
	(e) Clause 9.2		Bend Test	1705
	(f) Clause 9.3		Compression Test	1705
	(g) Clause 13		External Influence	1100
<b>TOTAL</b>		<b>9828</b>		

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21	<b>IS-9537-Pt-3-1983</b>	Conduit for Electrical Installation(Rigid Plain Conduit of Insulating Materials)		
	(a) Clause 6		Marking	495
	(b) Clause 7		Dimension+ uniformity of thick.	2395
	(c) Clause 8		Construction	495
	(d) Clause 9.2		Bend Test	1705
	(e) Clause 9.3		Compression Test	1705
	(f) Clause 9.4		Impact Test	10370
	(g) Clause 9.5		Collapse Test	1705
	(h) Clause 10		Resistance to Heat	3993
	(i) Clause 11		Resistance to Burning	1099
	(j) Clause 12		Electrical Characetristics	1573
	<b>TOTAL</b>			<b>25535</b>
	22		<b>IS-12592-2002</b>	Precast Concrete Manhole Cover & Frames
(a) Clause 5.2		Dimension	1980	
(b) Clause 7.2.2		Placing & Compaction	495	
(c) Clause 7.4.1		Edges protection (Frame)	1210	
(d) Clause 7.4.2		Edges protection (Cover)	495	
(e) Clause 7.4.4		Seatings	495	
(f) Clause 8		Lifting Hooks	495	
(g) Clause 9.1		Visual	495	
(h) Clause 9.2		Dimension (Cover & Frame)	2970	
(i) Clause 9.3		Load Test	2750	
<b>TOTAL</b>			<b>11385</b>	

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