

5

CENTRAL FOUNDRY FORGE PLANT
BHEL/HARIDWAR

Specification for "Electrode torque wrench for tightening of graphite electrode in electric arc furnace, VAD and LRF"
SPECIFICATION NO: - SMS/SP/26 Rev. : 00

1. GENERAL

This specification covers the supply alloy steel torque wrench for tightening of graphite electrode.

1.1 Scope of Supply:-

Scope of supply will cover Design, Engineering, Manufacture, and supply of alloy steel torque wrench. It should operate trouble free in presence of dust, high temperature.

The following documents should accompany with the offer:-

The vendors shall furnish full technical information of the torque wrench along with sketch and full technical details.

TECHNICAL PARAMETERS

Sl.no	Technical parameters	Graphite Electrode Diameter				
		(A) 250 mm	(B) 300 mm	(C) 350 mm	(D) 400 mm	(E) 500 mm
1	Material of torque wrench	Alloy steel	Alloy steel	Alloy steel	Alloy steel	Alloy steel
2	Maximum Torque (Nm)	550	800	900	1300	2700
3	Accuracy (%)	+4	+4	+4	+4	+4
4	Overall length (mm)	1100-1200	1150-1350	1200-1400	1250-1450	1500-1700
5	Self Alarm facility	Yes	Yes	Yes	Yes	Yes
6	Self Alarm at torque (Nm)	540	780	850	1100	2500
7	Guarantee (from date of delivery)	1 year	1 year	1 year	1 year	1 year

Prepared By			Checked By		Approved By
M.C.Upadhyay Sr. Engineer (SMS)	B.K.Bedi Manager (SMS)	Ranjan Manager (SMS Plg & Tech)	V.K.Chadha Sr.Manager (SMS-Maint)	V.K.Raizada AGM (SMS)	S.V.S.Narayana GM(SMS & SMS Tech.)
<i>M.C.U.</i> 20/12/10	<i>B.K.B.</i> 21/12/10	<i>Ranjan</i> 21/12/10	<i>V.K.C.</i> 21/12/10	<i>V.K.R.</i> 21/12/10	<i>S.V.S.N.</i> 21/12/10