

STEEL AUTHORITY OF INDIA LTD
DURGAPUR STEEL PLANT
MSM

NO: MTB/MSM/09

Date 01.05.2018

Sub: Test certificate for the job of Oil cleaning of hydraulic systems of MSM

WO: 4515009626 dated 27.02.2017

Site hand over: 19/05/2017

Period: 01/04/2018 to 30/04/2018

The cleanliness levels of following systems were monitored with online particle counter and patch testing (Where online testing is not possible).The details are given below.

S. L	Hydraulic Systems	Billing Qty	NAS level tested on 28.03.18 AS PER NAS CLASS 1638				REMARKS
			5-15µm	15-25µm	25-50µm	Code Class	
1	Walking beam furnace hydraulics	8400	616	07	0	2	
2	Furnace charging area hydraulics	3500	54	03	0	00	
3	Rolling Train area hydraulics	2500	170	02	0	0	
4	Cooling bed area hydraulics	2500	690	12	01	2	
5	Bar handling SAW hydraulics	3500	234	06	02	0	
6	Bar handling unit 2 hydraulics	10000	232	02	0	0	
7	Roll shop robot hydraulics	2000	510	03	02	2	
8	Oil in pipe lines	2600				2	
		35000					

Total qty of oil to be cleaned in the year = 420000 ltrs.

Cumulative quantity cleaned so far = 399000 ltrs.

Remarks: Cleanliness level has been maintained on or below NAS -5 as per the terms of the contract.

(BLOOM CASTER)

Day Das
09/05/18

TIRTHANKAR DASTIDAR
Deputy General Manager (Mech.)
MEDIUM STRUCTURAL MILL
DURGAPUR STEEL PLANT

