

**STEEL AUTHORITY OF INDIA LTD  
DURGAPUR STEEL PLANT  
BLOOM CUSTER**

No. Bloom Caster/Test report/04

Date: 01.05.2018

Sub: Test certificate for the job: Annual oil cleaning of lub system of Bloom caster.

Ref: WO: 4515010226 dated: 13.11.2017

Job Title: Annual oil cleaning of lub system of Bloom caster. W.o no. 4515010226 dated 13.11.2017

Site hand over date: 23.12.2017

Period: 01.04.18 to 30.04.18

The cleanliness levels of following systems were monitored with online CM 20 particle counter. The details are given below.

S.L	Equipment/Systems	Installed capacity LTRS	NAS level tested on 29.03.18 AS PER NAS CLASS 1638				REMARKS
			5-15µm	15-25µm	25-50µm	Code Class	
<b>BLOOM CASTER</b>							
1	Ladle Turret & Tundish car hydraulic system.	2000	234	04	01	0	NA
2	Withdrawal and straightener hydraulic system (CCM)	2000	1946	60	16	3	NA
3	Run out area hydraulic system.	9000	119	02	00	00	NA
4	Mould Oscillation hydraulic system.	1000	136	03	01	0	NA
<b>BLOOM CUM ROUND CASTER</b>							
1	Ladle Turret & Tundish car hydraulic system.	2000	224	02	01	0	NA
2	Withdrawal and straightener hydraulic system (CCM)	2000	2965	42	03	04	
3	Run out area hydraulic system.	9000	201	03	02	0	NA
4	Mould Oscillation hydraulic system.	1000	823	03	02	2	NA

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

(BLOOM CASTER)

*R Agrwal*  
07/05/18

**RAHUL AGRWAL**  
Deputy General Manager  
CCP (M) S.M.S  
Durgapur Steel Plant



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