



# BCL Forgings Limited

67, MIDC, SATPUR, NASHIK - 422 007. INDIA



TO,  
MR. DEEPAK PRAKASH RANE  
MD, SHREENIWAS INNOVATIONS PVT LTD  
K 46, BEHIND TAJ HOTEL M. I. D. C.  
AMBAD NASHIK 422010

## SUBJECT : LIVE REPORT OF FUEL ADDITIVE TESTING RESULT IN FURNACE OIL

DATE	DAILY CONSUMP LITERS	PRDOCTION IN TONS	CONSUMPTION PER TON PER LT	SHIFT 1	BATCH = 2	COMT.HARD	REMARKS
20/12/2010	920	13.29	69.22	Y	Y		AVG CONSUMPTION
21/12/2010	788	10.18	77.41	Y			AFTER ADDING ADDITIVE
22/12/2010	854	12.60	67.78	Y	Y		70.19 LIT/TON
23/12/2010	1248	17.91	67.53	Y	Y	Y	
24/12/2010	1182	16.13	73.28	Y	Y	Y	AVG CONSUMPTION
26/12/2010	1051	14.94	70.3	Y	Y	Y	BEFORE ADDING ADDITIVE
27/12/2010	985	16.62	58.56	Y	Y		85.2 LIT/TON
28/12/2010	985	14.03	70.21	Y	Y		
30/12/2010	920	15.76	58.37	Y	Y		TOTAL FURNACE OIL
31/12/2010	1057	15.58	67.45	Y	Y		SAVE 17.12%
02/01/2011	1446	15.71	92	Y		Y	
03/01/2011	854	16.56	50.57	Y		Y	AVG CONSUMPTION
04/01/2011	854	14.3	59.72	Y		Y	AFTER ADDING ADDITIVE
05/01/2011	920	14.84	62.97	Y		Y	70.71 LIT/TON
06/01/2011	394	6.94	56.77	Y			
07/01/2011	394	7.84	50.25	Y			AVG CONSUMPTION
09/01/2011	788	10.38	75.44	Y		Y	BEFORE ADDING ADDITIVE
10/01/2011	788	9.35	83.27	Y		Y	85.2 LIT/TON
11/01/2011	1248	15.81	78.43	Y		Y	
12/01/2011	657	8.34	76.77	Y		Y	TOTAL FURNACE OIL
13/01/2011	591	8.79	87.04	Y		Y	SAVE 17.01%
14/01/2011	985	12.14	51.13	Y		Y	
16/01/2011	1152	11.57	102.16		Y	Y	
17/01/2011	1116	13.17	84.73		Y	Y	
18/01/2011	1051	14.54	72.28		Y	Y	AVG CONSUMPTION
19/01/2011	1051	15.89	66.14		Y	Y	AFTER ADDING ADDITIVE
20/01/2011	1149	16.69	68.84		Y	Y	67.61 LIT/TON
21/01/2011	788	13.03	60.47		Y	Y	AVG CONSUMPTION
22/01/2011	525	7.45	70.35		Y		BEFORE ADDING ADDITIVE
22/01/2011	525	7.45	70.35		Y		85.2 LIT/TON
							TOTAL FURNACE OIL
							SAVE 20.64%

### OBSERVATIONS :-

1	Completely eliminates a Carbon Deposition in Burner Block Assembly.	7	No (zero) sludge formation in oil storage tank
2	Combustion Efficiency Improves Upto 15%	8	Cleans the fuel supply pipe line completely with out any extra efforts
3	Burner Cleaning / maintanance Reduced 50%	9	No shute formaton in chimney
4	Completely remove Burnner Nozzle Blokage. It is support for combustion consistency.	10	It supports for getting equal pressure to each supply point (furnace/boiler)
5	Completely remove black smoke.	11	Flame Intensity Is very High.
6	Remove a corrosion from supply lines and burner	12	Remove all chokeup from supply systems

### TEST RESULT OF FLUE GAS ANALYSIS CARRIED OUT AS BELOW :

PERTICULARS	O2	ST.TEMP	AMB.TEMP	CO2	COMB.EFF	EXCESS AIR
STD %	1 TO 5	-	-	10 TO 12	60 TO 75	50 TO 60
BEFORE	12	480	18	23	48	65
AFTER	4	510	18	10.5	63	58



MR. T.G. PATEL  
GENERAL MANAGER ENGINEERING  
BCL FORGINGS LTD. ADDRESS : E 67 MIDC SATPUR NASHIK 07

REGD. OFFICE :  
BOMBAY FOOTWEAR PVT. LTD. COMPOUND,  
OPP. N.K.G.S.B. BANK, DEONAR, MUMBAI - 400 088. INDIA  
PHONES : +91 22 25513523 / 24,  
FAX : +91 22 26551696  
E-mail : bombayfootwear@vsnl.com

WORKS & OFFICE :  
67, MIDC, SATPUR, NASHIK - 422 007. INDIA  
PH.: +91 253 2021133 / 35 / 47  
FAX : +91 253 23 50711  
E-mail : bclforgingsnk@dataone.in  
Website : www.bclforge.com