



**PRESS SHOP SIGNIFICANT ASPECTS AND IMPACTS ANALYSIS REGISTER**

Document No : EOHS-HFD PRS-RG-07

Revision No : 01

Date : 20.07.12

Sr.No.	Activity	Aspect	(R - O A)	Overriding Criteria		Impact	CRITERIA					Total (S*SE*P*DU*DE)	SIGNIFICANT OR NON-SIGNIFICANT	Proposed Controls
				LC	IPC		SC	SE	Du	De	P			
1	Heating of Raw Materials (Induction Heater)	Generation of fumes	C	LC	IPC	Air Pollution	2	1	1	5	5	50	Significant	Work Instructions, Measurement
2		Generation of scales	C		IPC	Work place Environment	3	2	1	5	5	150	Significant	Work Instructions
3		Generation of heat	C		IPC	Work place Environment	2	4	3	5	5	600	Significant	Blower provision, Exhaust System, Heat Mask, Measurement of Temperature, Leather Apron
4		Use of natural water	C	LC		Resource Depletion	5	3	1	1	5	75	Significant	Work Instructions and Measurement
5		Disposal of Scale	C	LC		Land contamination	3	2	1	5	5	150	Significant	Work Instructions
6		Generation of Noise	C	LC	IPC	Noise Pollution	4	5	5	5	5	2500	Significant	Ear Plug, Silencer to be provide for Valve, Measurement of Noise
7	Rolling of hot cut billet	disposal of tools	O	LC		Land contamination	3	2	1	5	3	90	Significant	Work Instructions
8		Generation of heat	C		IPC	Work place Environment	1	4	3	5	5	300	Significant	Blower provision, Exhaust System, Heat Mask, Measurement of Temperature, Leather Apron
9		Generation of Noise	C	LC	IPC	Noise Pollution	4	4	5	5	5	2000	Significant	Ear Plug, Silencer to be provide for Valve, Measurement of Noise
10		Spillage of Scale	C		IPC	Work place Environment	3	4	1	5	5	300	Significant	Design Team
11	Forging (edger operation) of rolled piece	disposal of tools	C	LC		Land pollution	3	2	1	5	3	90	Significant	Work Instructions
12	Forging (edger operation) of rolled piece	Generation of heat	C		IPC	Work place Environment	1	4	3	5	5	300	Significant	Blower provision, Exhaust System, Heat Mask, Measurement of Temperature, Leather Apron
13	Forging (edger operation) of rolled piece	use of water	C	LC		Resource Depletion	5	2	1	5	5	250	Significant	Work Instructions and Measurement
14		Generation of Noise	C	LC	IPC	Noise Pollution	4	5	5	5	5	2500	Significant	Ear Plug, Silencer to be provide for Valve, Measurement of Noise
15		Generation of scales	C		IPC	Work place Environment	2	3	1	5	5	150	Significant	Work Instructions
16	Forging (blocker operation) of edger piece	disposal of tools	C	LC		Land pollution	3	2	1	1	3	18	Significant	Work Instructions
17		Generation of heat	C	LC		Work place Environment	1	4	1	5	5	100	Significant	Work Instructions and Measurement
18		Use of water	C	LC		Resource Depletion	5	3	1	1	5	75	Significant	Work Instructions and Measurement
19		Generation of Noise	C	LC	IPC	Noise Pollution	4	4	5	5	5	2000	Significant	Ear Plug, Silencer to be provide for Valve, Measurement of Noise
20		Generation of smoke	C	LC	IPC	Air pollution	5	4	5	5	5	2500	Significant	Smoke emission exhaust system, Nose Mask, Measurement
21		Generation of scales	C		IPC	Work place Environment	2	4	1	1	5	40	Significant	Work Instructions
22	Forging (finisher operation) of blocker piece	disposal of tools	C	LC		Land pollution	3	2	1	1	3	18	Significant	Work Instructions
23		Generation of heat	C		IPC	Work place Environment	1	4	1	1	5	20	Significant	Work Instructions and Measurement
24		use of water	C	LC		Resource Depletion	5	3	1	1	5	75	Significant	Work Instructions and Measurement



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				LC	IPC		SC	SE	Du	De	P			
25		Disposal of scales	C	LC		Land pollution	3	2	1	5	5	150	Significant	Work Instructions
26		Generation of scales	C		IPC	Land pollution	2	4	1	5	5	200	Significant	Work Instructions
27	spraying of water base graphite die lubricant on die's	use of water	C	LC		Resource Depletion	5	3	1	1	5	75	Significant	Work Instructions and Measurement
28		generation of smoke	C	LC	IPC	Air pollution	2	2	1	1	5	20	Significant	Work Instructions and Measurement
29	Swabbing of oil base graphite on dies	Generation of smoke		LC	IPC	Air pollution	4	4	5	5	5	2000	Significant	Smoke emission exhaust system, Nose Mask, Measurement
30		use of oil	C	LC		Resource Depletion	5	4	1	1	5	100	Significant	Work Instructions and Measurement
31		use of oil base graphite	C	LC		Resource Depletion	5	4	1	1	5	100	Significant	Work Instructions and Measurement
32	Trimming and piercing operation	disposal of tool	O	LC		Land pollution	4	3	1	1	3	36	Significant	Work Instructions
33		generation of heat	C		IPC	Discomfort	1	2	2	5	5	100	Significant	Work Instructions and Measurement
34		Disposal of scale	C	LC		Land pollution	2	2	1	5	5	100	Significant	Work Instructions
35		generation of noise	C	LC	IPC	Noise pollution	2	2	5	5	5	500	Significant	Ear Plug, Silencer to be provide for Valve, Measurement of Noise
36		generation of scale	C		IPC	Land pollution	2	2	1	5	5	100	Significant	Work Instructions
37	Separation of slug/flash & finish good	disposal of tool	O	LC		Land pollution	4	3	1	1	3	36	Significant	Work Instructions
38		generation of heat	C		IPC	Discomfort	1	2	2	5	5	100	Significant	Work Instructions
39		generation of scale	C		IPC	Land pollution	2	2	1	5	5	100	Significant	Work Instructions
40		Disposal of scale	C	LC		Land pollution	2	2	1	5	5	100	Significant	Work Instructions
41	preheating of dies	generation of heat	C		IPC	Discomfort	1	3	2	1	5	30	Significant	Work Instructions and Measurement
42		disposal of tool	O	LC		Land pollution	4	3	1	1	3	36	Significant	Work Instructions
A-Accidental, O-Occasional, P-Periodic, R-Regular, C-Continuous						LC-Legal Concern, IPC-Interested Party Concern, NR-Natural Resources, E-Emergency, SC-Scale, SE-Severity, P-Probability, DU-Duration, DE-Detection								
Prepared By:						Approved By:								