

	Removal of the un wanted material with the help of file	R	Sliding of hand between stationary and movable part.	Cut injury	2	2	4	M								
		R	Fall of casting from height	Foot injury	2	1	2	L								
	Keep the casting in the designated bin.	R	Manual handling of the casting	Sprain	2	1	2	L								
	Collect the burr.	R	Burr may contact with skin	Cut injury	2	1	2	L								
		R	Burr may inhale	Respirator y inhalation	2	1	2	L								
Grinding		R														
Belt grinder	Collect the castings from filing	R	Fall of casting	Incident	2	1	2	L								
	Switch on the belt grinder.	R	Exposure to electricity	Electric shock	2	1	2	L								
	Hold the casting against the abrasive wheel.	R	Sliding of hand between stationary and movable part.	Cut injury	2	2	4	M								
		R	Burr may contact with eye	Eye injury	2	1	2	L								
		R	Burr may ingest through mouth	Respirator y inhalation	2	1	2	L								
		R	Al dust may inhale	Respirator y inhalation	2	1	2	L								
	Keep the casting in the designated bin.	R	Manual handling of the casting	Sprain	2	1	2	L								
		R	Hot casting may contact with skin	Burn	2	1	2	L								
	Collect the burr.	R	Burr may contact with skin	Cut injury	2	1	2	L								
		R	Burr may inhale	Respirator y inhalation	3	1	3	M								
Pneumatic grinder		R														
	Collect the castings for grinding	R	Fall of casting	Incident	2	1	2	L								
	By the application of pneumatic grinder remove the un wanted material.	R	Al dust may inhale	Respirator y inhalation	2	1	2	L								
		R	Slipping of tool	Cut injury	2	2	4	M								
		R	Burr may fall in the eye	Eye injury	2	1	2	L								
	Keep the casting in the designated bin.	R	Manual handling of the casting	Sprain	2	1	2	L								
	Collect the burr.	R	Burr may contact with skin	Cut injury	2	1	2	L								
		R	Burr may inhale	Respirator y inhalation	2	1	2	L								

R
NR

Routine	P	Probability	RISK LEVEL	L	Low	H	High
Non-routine	C	Consequences		M	Medium	E	Emergency

Rating	POO	Injury	Illness
1	UNLIKELY	Injury not calling for any first aid	Illness having momentary discomfort
2	LIKELY	Injury calling for first aid	Illness due to acute exposure or hospitalisation for more
3	VERY LIKELY	Injury leading to temporary / permanent disability	Illness due to chronic exposure having long term effect.

POO - Probability of Occurrence

↑
↑ sequence

	MATRIX		
3	3/M	6/H	8/E
2	2/L	4/M	6/H
1	1/L	2/L	3/M
	1	2	3

Probab
ilitu

Abb	Description	Input For
E	Elimination	MP
S	Substitution	MP
EC	Engineering Control	MP
W	Warnings/Signage/Admin Controls	OCP
P	Personal Protective Equipments	OCP

For Chauhan Enterprises
Amit
Proprietor