

Potential Hazards (including sources of potential hazards)	Probability	Severity	Risk Rating (1)	RISK CONTROL MEASURES TO ELIMINATE/REDUCE RISKS AS FAR AS PRACTICABLE	Residual Risk (2)
<u>TRANSPORTATION</u> 1) Falling machine during transport if unsecured or poorly secured	C	2	Medium	<ul style="list-style-type: none"> • Ensure motor is switched off • Ensure machine and accessories are secured 	Low (2D)
<u>STARTING THE MACHINE</u> 2) Electric Hazards	C	4	High	<ul style="list-style-type: none"> • Ensure machine is on stable and level ground • Ensure adequate ventilation • Do not use in the rain, snow or wet environment 	Low (2D)
<u>SAFE OPERATION</u> 3) Electric Shock	D	4	High	<ul style="list-style-type: none"> • Ensure electric cords are regularly inspected • Minimize contact with water during cleaning • The electric components and enclosures are not rated for protection from exposure to water • Do not use in the rain, snow or wet environment • Do not connect to household circuits • Do not use electrical devices such as the socket outlet if damaged 	Medium (4E)
4) Fire and health hazard from fumes	D	3	Medium	<ul style="list-style-type: none"> • Ensure appropriate personal protective equipment are used • Ensure paint filling is carried out in a well ventilated space away from ignition sources • Ensure the machine is positioned in an adequate ventilated position when spraying 	Low (3E)
<u>Maintenance</u> Electric Hazards	C	4	High	<ul style="list-style-type: none"> • Electric work should only be carried out by an authorized or licensed Electrician 	Low (2D)

RISK ASSESSMENT PRIORITY MATRIX

	SEVERITY			
PROBABILITY	Catastrophic (4)	Critical (3)	Marginal (2)	Negligible (1)
Frequent (A)	High (4A)	High (3A)	High (2A)	Medium (1A)
Probably (B)	High (4B)	High (3B)	Medium (2B)	Low (1B)
Occasional (C)	High (4C)	High (3C)	Medium (2C)	Low (1C)
Remote (D)	High (4D)	Medium (3D)	Low (2D)	Low (1D)
Improbable (E)	Medium (4E)	Low (3E)	Low (2E)	Low (1E)

CODE

	Highest Risk
	Medium Risk
	Lowest Risk

PROBABILITY

The probability of a hazard actually occurring within the life of the plant can fall within one of the following categories -

	Single Event	Multiple Events
Frequent (A)	Likely to occur frequently	Continuously experienced
Probable (B)	Likely to occur several times	Likely to occur frequently
Occasional (C)	Likely to occur sometime	Likely to occur several times
Remote (D)	Unlikely but possible	Unlikely but can reasonably be expected to occur
Improbable (E)	So unlikely it can be assumed occurrence may not be experienced	Very unlikely but possible

SEVERITY

Severity categories provide a qualitative measure of the credible “worst case” impact of a hazard.

Catastrophe (4) Deaths, system loss, or severe environmental damage

Critical (3) Severe injury, several occupational illness, major system or environ-