

Damage Effect	Consequence	Exposure Frequency	Control Measure Classification	Probability of Occurrence with Control Measures	Controls Measures to ensure Risk Rating	Comments or Actions for Product Acceptance	Aspect Risk Rating Score	Aspect Risk Rating
Human Aspects	Product Hazard arising from use or failure							
Optical Hazard from use	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Optical Hazard from failure	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Thermal Hazard from use	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Thermal Hazard from failure	Mild	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	2.00	Negligible Risk
Electromagnetic Radiation (EMC) Hazard	Nil	Very Rare	N/A	Not Possible	Not Required	Passed EMC standard requirements	0.00	Negligible Risk
Toxicity - Respiratory Hazards	Moderate	Occasional	Partially Controlled	Possible	Warning on Packaging and Literature	Use correct PPE, print warnings	54.00	Medium Concern
Toxicity - Circulatory system Hazards	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Toxicity - Skin Irritation / Disorder from use	Minor	Very Rare	Partially Controlled	Possible	Worksafe Standard Practices	Use correct PPE, print warnings	9.00	Negligible Risk
Respiratory Injury	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Chemical Injury	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Physical Injury from use	Mild	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	2.00	Negligible Risk
Physical Injury from failure	Nil	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	0.00	Negligible Risk
Electrocution through welding	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Electrocution through power outlets	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Electrocution from failure	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	2.00	Negligible Risk
Fatality from use	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	2.00	Negligible Risk
Fatality from failure	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	2.00	Negligible Risk
Thermal	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Electrical	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	1.50	Negligible Risk
Pressure	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	1.50	Negligible Risk
Chemical	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Acoustic	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Mechanical	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Kinetic	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Vibration	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Radiation	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Optical Radiation	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Thermal Radiation	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Electromagnetic Radiation (EMC)	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Noise Emission	Minor	Constant	Partially Controlled	Possible	Worksafe Standard Practices	Passed EMC standard requirements	22.50	Low Concern
Chemical Emissions	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Gaseous Emissions	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Solid Waste	Serious	Rare	Mostly Controlled	Possible	Warning on Packaging and Literature	Use correct PPE, print warnings	9.00	Negligible Risk
Water Pollution	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Soil Pollution	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Fire Risk from use	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	0.50	Negligible Risk
Fire Risk from failure	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	0.50	Negligible Risk
Explosion Risk from use	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Explosion Risk from failure	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Application Aspects (Flammable)	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Corrosion of Structure/Equipment	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Uplift	Moderate	Very Rare	Mostly Controlled	Unlikely	Product Design	Use correct PPE, print warnings	1.00	Negligible Risk

Note 1 - RA based on specified Supplier and similar type supplied product from specified Supplier

This Risk Assessment is for equipment as manufactured and is applicable at time of the original delivery from Lincoln Electric. Once the equipment is on site / installed a new risk assessment will be required to be performed by owner / operator covering the new environment.

Customer Assistance Policy

The business of the Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products. Lincoln Electric is a responsible manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of, the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying this type of fabrication methods and service requirements.

Form: FQA-065(A) Product Risk Assessment Form

File name: PRA 00047 - Minutes Flame Extender.xlsx

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