

Product Risk Assessment Form

Supplier Name: Lincoln Electric Company

Supplier Part Number: K32033-x

Product Manager: Paul Smith

Part Description: Red-JMG 455

SAP Part Number: K32033-x

SAP First Number: K32033-x

SAP Status Group: 107RM45500

Product Schedule to License (Y/M/No)

Schedule Nbr or Date

PDF Copies on Evidence

Product Manager: Paul Smith

Authorisation: 23/8/13

Date: 26/8/2013

Engineering Manager: A. W. ...

Authorisation:

Date:

and / or

QA Manager:

Authorisation:

Medium & High Category Ratings

Supplier Name	Lincoln Electric Company	Supplier Part Number	Product Manager	Part Description	SAP Part Number	SAP First Number	SAP Status Group	Product Schedule to License (Y/M/No)	Schedule Nbr or Date	PDF Copies on Evidence
Supplier ERP ID	AU18	K32033-x	Paul Smith	Red-JMG 455	K32033-x	K32033-x	107RM45500			
Supplier ISO9001 License Expiry Date =										
Supplier Product Sdn License #										
RA Maximum Risk Score =	9									
RA Risk Rating =	Medium - Concern									

Damage Effect	Consequence	Exposure Frequency	Control Measures Quantification	Probability of Occurrence with Control Measures	Controls Measures to ensure Risk Rating	Comments or Actions for Product Acceptance	Assessed Risk Rating Score	Aspect Risk Rating
Human Aspects	Optical Hazard from use	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	30.00	Low Concern
	Optical Hazard from failure	Nil	N/A	Not Possible	Not Required		0.00	Negligible Risk
	Thermal Hazard from use	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	30.00	Negligible Risk
	Thermal Hazard from failure	Rare	Mostly Controlled	Possible	Worksheet Standard Practices	Use correct PPE, print warnings	6.00	Low Concern
	Electrical Radiation (EMC) Hazard	Very Rare	No Controls	Unlikely	Not Required	Press EMC standard requirements	0.00	Negligible Risk
	Toxicity - Respiratory Hazards	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	30.00	Low Concern
	Toxicity - Circulatory system Hazards	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	30.00	Low Concern
	Radiation Injury	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	30.00	Low Concern
	Chemical Injury	Very Rare	No Controls	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	30.00	Low Concern
	Physical Injury from use	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Refer MSDSs. Use correct PPE	6.00	Negligible Risk
	Physical Injury from failure	Constant	Mostly Controlled	Unlikely	Warning on Packaging and Literature	Use correct PPE, print warnings	30.00	Low Concern
	Electrocuting through welding	Constant	Partially Controlled	Possible	Worksheet Standard Practices	Use correct PPE, print warnings	10.00	Negligible Risk
	Electrocution through power outlets	Very Rare	Fully Controlled	Unlikely	Worksheet Standard Practices	Consult trigger	90.00	Medium Concern
	Electrocution from failure	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	No power outlets fitted	0.00	Negligible Risk
	Fatality from use	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	10.00	Negligible Risk
	Fatality from failure	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	10.00	Negligible Risk
	Thermal	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	10.00	Negligible Risk
	Electrical	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	22.50	Low Concern
	Pressure	Very Rare	Mostly Controlled	Possible	Worksheet Standard Practices	Print warnings	7.50	Negligible Risk
	Gravitational	Very Rare	Mostly Controlled	Possible	Warning on Packaging and Literature	Use correct PPE, print warnings	2.25	Negligible Risk
	Mechanical	Rare	No Controls	Unlikely	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Acoustic	Very Rare	No Controls	Unlikely	Not Required	Use correct PPE, print warnings	12.00	Negligible Risk
	Vibration	Very Rare	No Controls	Unlikely	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Radiation	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	0.00	Negligible Risk
	Optical Radiation	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	22.50	Low Concern
	Thermal Radiation	Constant	Mostly Controlled	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	15.00	Negligible Risk
	Electrical Radiation (EMC)	Very Rare	No Controls	Not Possible	Worksheet Standard Practices	Use correct PPE, print warnings	0.00	Negligible Risk
	Noise Emissions	Constant	No Controls	Unlikely	Worksheet Standard Practices	Press EMC standard requirements	20.00	Negligible Risk
	Chemical Emissions	Very Rare	No Controls	Unlikely	Worksheet Standard Practices	Use correct PPE, print warnings	0.00	Negligible Risk
	Gaseous Emissions	Constant	Mostly Controlled	Unlikely	Warning on Packaging and Literature	Use correct PPE, print warnings	15.00	Negligible Risk
	Solid Waste	Very Rare	No Controls	Unlikely	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Water Pollution	Very Rare	No Controls	Unlikely	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Soil Pollution	Very Rare	No Controls	Unlikely	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Fire Risk from use	Rare	No Controls	Unlikely	Worksheet Standard Practices	Take appropriate precautions	0.00	Negligible Risk
	Fire Risk from failure	Rare	No Controls	Unlikely	Worksheet Standard Practices	Take appropriate precautions	4.00	Negligible Risk
	Explosion Risk from use	Nil	N/A	Not Possible	Not Required		0.00	Negligible Risk
	Explosion Risk from failure	Nil	N/A	Not Possible	Not Required		0.00	Negligible Risk
	Collapsing of Structure/equipment	Nil	N/A	Not Possible	Not Required		0.00	Negligible Risk
	Workover of Structure/equipment	Nil	N/A	Not Possible	Not Required		0.00	Negligible Risk
	Litigation	Constant	Mostly Controlled	Unlikely	Warning on Packaging and Literature		7.50	Negligible Risk

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 in our possession 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 which may be in effect at the time of purchase. Lincoln Electric is a responsive 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-085(A) Product Risk Assessment Form

Filename: PRA 00043 - Redi-MIG 455.doc

1 of 1