

Supplier Name Lincoln Electric Company	Product Manager Paul Smith	Supplier Part Number K449	Part Description LN-25 wire feeder	SAP Sites Group Semi-auto wire feeder	Product Schedule to License (Year/No)	Schedule No or Date	PDF Copies as Evidence
Supplier S.A.P. ID A010	Part RA Revision Date 1/06/2012 3/08/2013						
Supplier ISO9001 Certificate No.							
ISO9001 License Expiry Date							
Supplier Profiber Side License #							
RA Maturity Risk Score = High Concern							
RA Risk Rating = Medium Concern							

Product Manager: [Signature]
Author: [Signature]
Date: 23/8/13
Engineering Manager: [Signature]
Author: [Signature]
Date: 26/8/2013
QA Manager: [Signature]
Author: [Signature]
Date: [Blank]

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

Damage Effect	Consequences	Exposure Frequency	Control Measures Characterisation	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	Mostly Controlled	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings	30.00	Low Concern		
		Thermal Hazard from use	N/A	No Possible	No Required		0.00	Negligible Risk		
		Thermal Hazard from use	Mostly Controlled	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings	30.00	Low Concern		
		Electromagnetic Radiation (EMC) Hazard	Mostly Controlled	Possible	Workshop Standard Practices	Use correct PPE, print warnings	6.00	Negligible Risk		
	Energy Aspects	Electromagnetic Radiation (EMC) Hazard	Toxicity - Respiratory Hazards	No Controls	Unlikely	No Required	Passed EMC standard requirements	6.00	Negligible Risk	
			Toxicity - Circulatory system Hazards	Mostly Controlled	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings	30.00	Low Concern	
			Toxicity - Skin Irritation / Disorder from use	Mostly Controlled	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings	30.00	Low Concern	
			Radiation injury	Mostly Controlled	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings	30.00	Low Concern	
			Chemical injury	No Controls	Unlikely	Workshop Standard Practices	Wear MSDS, Use correct PPE	30.00	Negligible Risk	
			Physical Injury from use	Mostly Controlled	Unlikely	Warning on Packaging and Literature	Use correct PPE, print warnings	30.00	Low Concern	
			Pysical Injury from failure	Mostly Controlled	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings	10.00	Negligible Risk	
			Electrocution through welding	Partially Controlled	Possible	Use insulated sensor lead & clamp CV - Control trigger and CC - Consider fitting interlocked VRD to power source			33.00	Medium Concern
			Electrocution through power outlets	Fully Controlled	Unlikely	Workshop Standard Practices	No power outlets fitted		10.00	Negligible Risk
			Fracture from failure	Mostly Controlled	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings		10.00	Negligible Risk
Emission Aspects	Electromagnetic Radiation (EMC)	Toxicity from failure	Mostly Controlled	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings	33.50	Low Concern		
		Fire	No Controls	Unlikely	No Required	Print warnings		7.50	Negligible Risk	
		Vibration	No Controls	Possible	Workshop Standard Practices	Use correct operating procedures		0.00	Negligible Risk	
		Radiation	Very Rare	Unlikely	No Required			13.50	Negligible Risk	
		Optical Radiation	Constant	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings		0.00	Negligible Risk	
		Thermal Radiation	Constant	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings		22.50	Low Concern	
		Electromagnetic Radiation (EMC)	Constant	Unlikely	Workshop Standard Practices	Use correct PPE, print warnings		15.00	Negligible Risk	
		Noise Emissions	Constant	Unlikely	Workshop Standard Practices	Passed EMC standard requirements		0.00	Negligible Risk	
		Chemical Emissions	Very Rare	Unlikely	No Controls	No Required	Use correct PPE, print warnings		20.00	Low Concern
		Gaseous Emissions	Very Rare	Unlikely	No Controls	No Required		0.00	Negligible Risk	
		Solid Waste	Very Rare	Unlikely	No Controls	No Required		0.00	Negligible Risk	
		Water Pollution	Very Rare	Unlikely	No Controls	No Required		0.00	Negligible Risk	
		Sol Pollution	Very Rare	Unlikely	No Controls	No Required		0.00	Negligible Risk	
		Fire Risk from use	Minor	Rare	Workshop Standard Practices	Unlikely	Take appropriate precautions		4.00	Negligible Risk
Explosion Risk from use	Minor	Rare	Workshop Standard Practices	Unlikely	Take appropriate precautions		4.00	Negligible Risk		
End User Application Aspects (Financial)	Explosion Risk from failure	Minor	N/A	Not Possible	No Required		0.00	Negligible Risk		
	Collaps of Structure/equipment	Minor	N/A	Not Possible	No Required		0.00	Negligible Risk		
Lithigation	Work of Structure/equipment	Minor	N/A	Not Possible	No Required		0.00	Negligible Risk		
	Lithigation	Serious	Constant	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 / inherited a new risk assessment will be performed by owner / operator covering the new environment.

The business of The Lincoln Electric Company is manufacturing and selling high quality quality welding equipment, consumables, and cabling equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may seek 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. We do not provide a warranty or assume any liability for the use of our products. 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 to our customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying this type of fabrication methods and service requirements.