**Risk Assessment Number** **PRA00026** **Product Risk Assessment Form**

| Supplier Name | Lincoln Electric Company | Part RA Revision Date | Product Manager | Supplier Part Number | SAP Part Number | Part Description | SAP Stats Group | Product Schedule to Licence (Yes/No) | Schedule Nbr or Date | PDF Copies as Evidence |
|---|---|---|---|---|---|---|---|---|---|---|
| Supplier SAP ID | AU10 | 1/06/2012 8/08/2013 | Paul Smith | K2613-5 | K2613-5 | LN-25 PRO wire feeder | Semi-auto wire feeder | | | |
| Supplier ISO9001 Licence No. = | | | | | | | | | | |
| ISO9001 Licence Expiry Date = | | | | | | | | | | |
| Supplier Product Stds Licence = | | | | | | | | | | |
| RA Maximum Risk Score = | 90 | | | | | | | | | |
| RA Risk Rating = | Medium Concern | | | | | | | | | |

(Negligible & Low Concern Ratings) Product Manager Authorisation:- Date:- 23/8/13

(Medium & High Concern Ratings) Engineering Manager Authorisation:- Date:- 26/8/2013 and / or QA Manager Authorisation:-

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

| Damage Effect | Product Hazard arising from use or failure | 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 | Optical Hazard from use | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 30.00 | Low Concern |
| | Optical Hazard from failure | Nill | Nill | N/A | Not Possible | Not Required | | 0.00 | Negligible Risk |
| | Thermal Hazard from use | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 30.00 | Low Concern |
| | Thermal Hazard from failure | Minor | Rare | Mostly Controlled | Possible | Worksafe Standard Practices | Use correct PPE, print warnings | 6.00 | Negligible Risk |
| | Electronic Radiation (EMC) Hazard | Nill | Very Rare | No Controls | Unlikely | Not Required | Passed EMC standard requirements | 0.00 | Negligible Risk |
| | Toxicity - Respiratory Hazards | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 30.00 | Low Concern |
| | Toxicity - Circulatory system Hazards | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 30.00 | Low Concern |
| | Toxicity - Skin Irritation / Disorder from use | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 30.00 | Low Concern |
| | Radiation injury | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 30.00 | Low Concern |
| | Chemical Injury | Nill | Very Rare | No Controls | Unlikely | Worksafe Standard Practices | Refer MSDSs, Use correct PPE | 0.00 | Negligible Risk |
| | Physical Injury from use | Serious | Constant | Mostly Controlled | Unlikely | Warning on Packaging and Literature | Use correct PPE, print warnings | 30.00 | Low Concern |
| | Physical Injury from failure | Minor | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | | 10.00 | Negligible Risk |
| | Electrocution through welding | Moderate | Constant | Partially Controlled | Possible | Worksafe Standard Practices | Use insulated sensor lead & clamp CV - Control trigger and CC - Consider fitting aftermarket VRD to power source | 90.00 | Medium Concern |
| | Electrocution through power outlets | Nill | Very Rare | Fully Controlled | Unlikely | Worksafe Standard Practices | No power outlets fitted | 0.00 | Negligible Risk |
| | Electrocution from failure | Minor | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | | 10.00 | Negligible Risk |
| | Fatality from use | Minor | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 10.00 | Negligible Risk |
| | Fatality from failure | Minor | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | | 10.00 | Negligible Risk |
| Energy Aspects | Thermal | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 22.50 | Low Concern |
| | Electrical | Minor | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Print warnings | 7.50 | Negligible Risk |
| | Pressure | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| | Gravitational | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| | Mechanical | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| | Kinetic | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| | Vibration | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| | Radiation | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 22.50 | Low Concern |
| Emmission Aspects | Optical Radiation | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 15.00 | Negligible Risk |
| | Thermal Radiation | Serious | Constant | Mostly Controlled | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 15.00 | Negligible Risk |
| | Electronic Radiation (EMC) | Nill | Very Rare | No Controls | Not Possible | Not Required | Passed EMC standard requirements | 0.00 | Negligible Risk |
| | Noise Emmissions | Minor | Constant | No Controls | Unlikely | Worksafe Standard Practices | Use correct PPE, print warnings | 20.00 | Low Concern |
| | Chemical Emmissions | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| | Gaseous Emmissions | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| | Solid Waste | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| | Water Pollution | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| | Soil Pollution | Nill | Very Rare | No Controls | Unlikely | Not Required | | 0.00 | Negligible Risk |
| End User Application Aspects (Financial) | Fire Risk from use | Minor | Rare | No Controls | Unlikely | Worksafe Standard Practices | Take appropriate precautions | 4.00 | Negligible Risk |
| | Fire Risk from failure | Minor | Rare | No Controls | Unlikely | Worksafe Standard Practices | Take appropriate precautions | 4.00 | Negligible Risk |
| | Explosion Risk from use | Nill | Nill | N/A | Not Possible | Not Required | | 0.00 | Negligible Risk |
| | Explosion Risk from failure | Nill | Nill | N/A | Not Possible | Not Required | | 0.00 | Negligible Risk |
| | Collapse of Structure/equipment | Nill | Nill | N/A | Not Possible | Not Required | | 0.00 | Negligible Risk |
| | Rework of Structure/equipment | Nill | Nill | N/A | Not Possible | Not Required | | 0.00 | Negligible Risk |
| | Litigation | Serious | Constant | Mostly Controlled | Unlikely | Warning on Packaging and Literature | | 7.50 | Negligible Risk |

(Critical & Catastrophic Ratings) Director Authorisation:- Date:-

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**

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