

Supplier Name: Lincoln Electric Company
 Supplier SAP ID: A11b
 Supplier: ISO9001 License No.:
 ISO9001 License Expiry Date:
 Supplier Product Side License:
 RA Maximum Risk Score = 2
 RA Risk Rating = Negligible Risk

Product Manager: Paul Smith
 Part RA Revision Date: 30-Jul-13
 SAP Part Number: K3019-1
 SAP Stats Group: 180000000
 Part Description: Arc Tracker

Product Manager Authorization: [Signature]
 Date: 23/8/13

Equipment Manager Authorization: [Signature]
 Date: 26/8/2013

QA Manager Authorization: [Signature]

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

Damage Effect	Product Hazard arising from use or failure	Consequences	Exposure Frequency	Control Measure Classification	Probability of Occurrence with Control Measures	Control Measures to ensure Risk Rating	Comments or Actions for Product acceptance	Aspect Risk Rating Score	Aspect Risk Rating
Human Aspects	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	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	1.00	Negligible Risk
	Electric Radiation (EMC) Hazard	Nil	Very Rare	N/A	Not Possible	Not Required	Passed EMC standard requirements	0.00	Negligible Risk
	Toxicity - Respiratory Hazards	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	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	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Radiation 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
Energy Aspects	Physical Injury from use	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	2.00	Negligible Risk
	Physical Injury from failure	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	2.00	Negligible Risk
	Electrocution through wetting	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	2.00	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	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	1.50	Negligible Risk
	Electrical	Minor	Very Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	1.50	Negligible Risk
	Pressure	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Environmental Aspects	Chemical	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
	Acoustic	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
	Electric Radiation (EMC)	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Noise Emissions	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Chemical Emissions	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
End User Application Aspects (Pinnacle)	Gasous Emissions	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Solid Waste	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	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
	Collapse of Structure/equipment	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
	Rework of Structure/equipment	Nil	Very Rare	N/A	Not Possible	Not Required	Use correct PPE, print warnings	0.00	Negligible Risk
Litigation	Minor	Very Rare	Mostly Controlled	Unlikely	Product design	Use correct PPE, print warnings	0.10	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 by owner / operator covering the new environment.