

Product Manager: *[Signature]*
 Author: *[Signature]*
 Date: 23/9/13

Product Manager: *[Signature]*
 Author: *[Signature]*
 Date: 26/9/2013

Supplier Name Lincoln Electric Company	Part EA Revision Date	Product Manager	Supplier Part Number	Part Description	SAP Part Number	SAP Status Group	Product Schedule to Leave (Y/N)	Schedule Nbr or Date	PDF Copies as Evidence
Supplier SAP ID 45116	3-Jul-13	Paul Smith	KA1453-ax	Ranger 405D	KA1453-1, 2, 4, 5, 6, 7 & 20				
Supplier License ESOPMPL Licenses ESOPMPL Licenses ESOPMPL Licenses									
Supplier Traceability SAP License #									
RA Maximum Risk Score = 30									
RA Risk Rating = Low Concern									

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

Damage Effect	Consequences	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	Predict Hazard arising from use or failure							
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	Minor	NIH	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	NIH	NIH	N/A	Not Possible	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 / Dismoder 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	Serious	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	30.00	Low Concern
Physical Injury from use	Serious	Constant	Mostly Controlled	Unlikely	Warning on Packaging and Literature	Refer MSDS, Use correct PPE	30.00	Low Concern
Physical Injury from failure	Minor	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	30.00	Low Concern
Electrocution through welding	Minor	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	VRD fitted & control trigger on CV	10.00	Negligible Risk
Electrocution through power outlets	Minor	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	RCD fitted	10.00	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	Serious	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	22.50	Low Concern
Thermal	Serious	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	VRD & RCD fitted, Print warnings	22.50	Low Concern
Electrical	Minor	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	Print warnings	22.50	Low Concern
Pressure	Serious	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	Product design	7.50	Negligible Risk
Gravitational	NIH	NIH	N/A	Not Possible	Not Required		0.00	Negligible Risk
Acoustical	Minor	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	Product design	3.00	Negligible Risk
Vibration	NIH	NIH	N/A	Not Possible	Not Required		0.00	Negligible Risk
Radiation	Minor	Rare	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	22.50	Low Concern
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
Near Ionisation	NIH	NIH	N/A	Not Possible	Not Required	Passed EMC standard requirements	0.00	Negligible Risk
Chemical Emissions	Serious	Constant	Mostly Controlled	Possible	Worksafe Standard Practices	Use correct PPE, print warnings	22.50	Low Concern
Odour Emissions	NIH	NIH	N/A	Not Possible	Not Required		0.00	Negligible Risk
Gases Emissions	Serious	Constant	Mostly Controlled	Unlikely	Worksafe Standard Practices	Use correct PPE, print warnings	15.00	Negligible Risk
Solid Waste	NIH	NIH	N/A	Not Possible	Not Required		0.00	Negligible Risk
Water Pollution	Minor	Rare	Fully Controlled	Unlikely	Product design	Fitted with spill tray	0.40	Negligible Risk
Soil Pollution	Minor	Rare	Fully Controlled	Unlikely	Product design	Fitted with spill tray	0.40	Negligible Risk
Fire Risk from use	Serious	Constant	Mostly Controlled	Possible	Worksafe Standard Practices		11.25	Negligible Risk
Fire Risk from failure	NIH	NIH	N/A	Not Possible	Not Required		2.25	Negligible Risk
Explosion Risk from use	NIH	NIH	N/A	Not Possible	Not Required		0.00	Negligible Risk
Explosion Risk from failure	NIH	NIH	N/A	Not Possible	Not Required		0.00	Negligible Risk
Collapse of Structure/equipment (Pneumal)	NIH	NIH	N/A	Not Possible	Not Required		0.00	Negligible Risk
Records of Structure/equipment	NIH	NIH	N/A	Not Possible	Not Required		0.00	Negligible Risk
Fatigue	Serious	Constant	Mostly Controlled	Unlikely	Product design		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 by owner / operator covering the new environment.

Customer Assistance Policy

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File name: PRA 00031 - Ranger 405D.xlsx