COSHH Risk Assessment – Vaku 40 Filler Part A and Part B			
Wind Farm Owner	ScottishPower	**Wind Farm Name**	Green Knowes
Technical Director	Joe McDonald	**Operations Director**	Chris Gillies
Next Revision Date	15/02/2027	**Document No:**	BR-RA-COSHH-019- Vaku 40 Filler (A&B)_V2.0

COSHH RISK ASSESSMENT
VAKU 40 FILLER PART A AND PART B

Integrated Management System Statement

This risk assessment forms part of the Bladestar Renewables Integrated Management System and shall be read in conjunction with the relevant Method Statement, Rescue Procedures and Client Approved Written Procedures.

Hazards have been identified and risk controls selected in accordance with the hierarchy of control principles, ensuring risks are reducing so far as is reasonably practicable (ALARP).

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RISK MATRIX		SEVERITY				
		1 Insignificant	2 Minor First Aid/Injury	3 Significant	4 Major injury/Long term health hazard	5 Death
LIKLIHOOD	5 Very likely	5	10	15	20	25
	4 Likely	4	8	12	16	20
	3 Probable	3	6	9	12	15
	2 Possible	2	4	6	8	10
	1 Unlikely	1	2	3	4	5

Acceptable risk 1-2 (Low)	**Acceptable – task may proceed**
Reduced risk 3-9 (Medium)	Tolerable and may proceed but may require supervision or active monitoring
Unacceptable risk 10-25 (High)	TASK MUST NOT PROCEED – Revise risk assessment and introduce further control measures to reduce risk

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Job Steps	Hazards & Effects		Control Initial Risk			Measures	Residual Risk		
Hazard Type	**Hazard Effect**	**Groups Affected**	**Likelihood**	**Severity**	**Risk Rating**	**Existing and recommended measures to reduce the likelihood of severity or both.**	**Likelihood**	**Severity**	**Risk Rating**
Flammable Liquid/ Vapour	Fire, Burns or Serious Injury	Site Operatives	**2**	**5**	**10**	• Appropriate firefighting equipment available that has been regularly maintained. • Keep away from sources of ignition. • Suitable storage provided. • Do not use a solid water stream as it may scatter and spread fire. • No Smoking. • Full face masks with A2P3 filters must be worn. • Anti-static coveralls must be worn • Mechanical ventilation if not in a well-ventilated area. • Only mix small quantities for immediate use.	**1**	**5**	**5**
Skin/Eye Irritation	Skin or Eye Irritation	Site Operatives	**2**	**4**	**8**	• Employees have been trained in how to use the chemicals and the safe system of work. • PPE provided and used. • Remove contaminated clothing and wash skin thoroughly with water. If irritation persists get medical advice. • Spillages cleaned up immediately. • Casualties treated by first aider until emergency help arrives. • Avoid repeated skin contact with uncured filler components.	**1**	**4**	**4**
Respiratory Irritant	Respiratory Irritation	Site Operatives	**3**	**5**	**15**	• Employees have been trained in how to use the chemicals and the safe system of work • Mechanical ventilation if not in well-ventilated area. • PPE to be used at all times. • Use outdoors where possible. • Do not breathe vapours. • Wear respiratory protection when working in poorly ventilated areas or when sanding cured filler.	**1**	**5**	**5**

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Hazard Type	**Hazard Effect**	**Groups Affected**	**Likelihood**	**Severity**	**Risk Rating**	**Existing and recommended measures to reduce the likelihood of severity or both.**	**Likelihood**	**Severity**	**Risk Rating**
Irritation of the eyes	Eye Irritation	Site Operatives	**3**	**4**	**12**	• COSHH Assessments have been communicated to all relevant employees/subcontractors • First aid – appropriate first aid kit available (Service Vehicle, Wind Turbine Base, Substations) • PPE provided and used • Wear eye/face mask protection if there is a risk of splashing. • Eye wash kit must be immediately available. (Service Vehicle) • Care shall be taken to avoid repeated exposure, as cumulative irritation may occur with frequent handling of uncured resin.	**1**	**4**	**4**
Exposure during pregnancy	Potential risk to unborn child	Site Operatives	**3**	**5**	**15**	• Pregnant workers must not be exposed to uncured filler containing styrene. • Alternative duties must be provided where reasonably practicable. • PPE must be worn and exposure minimised.	**1**	**5**	**5**

Further controls – Fire and First Aid

Emergency eye wash
Eye wash stations are available in service vehicle.

First aid
Adequate first aid facilities are available. Chemical burns or contamination must be flushed immediately with large quantities of clean water for a minimum of 15 minutes and medical advice sought.

Provide fresh air
Substances should be used in an open and well-ventilated area where possible.

Firefighting equipment
Suitable firefighting equipment available in service vehicle and turbine.

No naked flames
Substances not used/stored near naked flames or points of ignition.

Wash with soap and water
Wash contacted area with soap and water.

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Further controls – Storage, disposal and spillage

Changing Facilities
Suitable facilities areas for changing of clothes.

Correct Storage Facilities
Controlled storage in place for use with designated substances/medication.

Hygiene Procedure Observed
All users are instructed on and acknowledge a formal hygiene procedure.

No Smoking
Smoking/Vaping is not allowed within the vicinity of the substance.

Spillages Cleared up Immediately
Suitable provisions in place to clear away spills quickly and safely.
Spilled filler must be absorbed using inert absorbent material and disposed of in accordance with SDS guidance.

Store Away From Heat
Substances not used/stored near naked flames or points of ignition/hightemperature.

Warning Signs Displayed
Relevant signs highlighting potential hazards are clearly displayed inappropriate areas.

Containers Suitably Labelled
All containers are suitably labelled to disclose relevant safety advice.

Do not empty into drains
Substance should not be emptied/diluted in to drains/water source.

Keep away from ignition sources
Substances not used/stored near naked flames or points of ignition.

Prevent Spillages
Measures implemented to control spill potential.

Storage for work clothes and PPE
Adequate storage provided for all work clothing and provided personalprotective equipment.

Use spill response kit
Spill Response Kit provided and checked/maintained regularly.

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Mandatory PPE required

Protective Clothing Must Be Worn

Any personal protective equipment provided must be worn as per associated risk assessment.

- Anti-static coveralls conforming to EN 1149.5:2008
- Cat 3 disposable suit conforming to EN ISO 13982-1:2004/A1:2010, EN 13034:2005+A1:2009, EN 1073.2:2002, EN 14126:2003, EN 1149.5:2008

Protective Gloves Must be Worn

Any protective hand wear provided must be worn as per associated risk assessment.

- Cat 3 Nitrile disposable gloves conforming to EN ISO 374-1:2016 Type B, EN ISO 374-5:2016

RPE Fit Testing

All operatives utilising respiratory protective equipment must have completed face-fit testing unless wearing full face battery powered respirator with A2 + P3 filters.

Use Respiratory Protective Equipment RPE

Any respiratory protective equipment provided must be worn as per associated risk assessment.

- Battery powered respirator conforming to EN 166 1 FT B, EN 12941 TH3
- A2 filters conforming to EN 14387:2004+A1:2008 A1
- P3 filters conforming to EN 143:2000+A1:2006 P3 R
- Where ventilation alone cannot reliably maintain exposure below Workplace Exposure Limits, respiratory protective equipment shall be worn at all times when working with uncured filler.
- Full face respirator with A2P3 filters conforming to EN12941 TH3 shall be worn when working with catalyst in enclosed or poorly ventilated areas.

Wear Goggles

Any protective eye equipment provided must be worn as per associated risk assessment.

- Safety goggles conforming to EN 166 3.4B

This COSHH Assessment has been developed with reference to the manufacturer's Safety Data Sheet for Vaku 40 Filler Part A and Part B, and reflects the identified Health, Safety and Environmental hazards. BR-MSDS-019- Vaku 40 Filler (A).pdf BR-MSDS-020- Vaku 40 Filler (B).pdf

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Risk Assessment Sign Off

Name	Position	Company	Date	Signature

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