

Crynant P&C Ltd - Work Activity Risk Assessment

Section 1

Site	All work Sites
Department	Heavy Plant
Carried out by	Rob Jones Consultancy

Assessment No

CPC-HSE-RA02

Date of Assessment

18/01/2020

Overall Risk Rating

Medium

(High / Med / Low)

ACTIVITY DETAILS

Section 2

Activity / Job / Task	Operation of 360° Tracked Excavator		
Persons at Risk (Affected Groups)	A. Operators	B. Sub-Contractors	C. Third Parties

IDENTIFY & EVALUATE SIGNIFICANT HAZARDS BEFORE EXISTING CONTROL MEASURES IN PLACE

Section 3

	L	S	RR
Note :			
Impact / Crushing	4	5	20
Risk Rating =			
Likelihood x Severity			
Collision with moving Plant	3	5	15
Fall from height	3	4	12
Vibration (Whole Body)	3	3	9
Sensory Damage (Long Term)	4	2	8
Overturning	3	5	15
			79

EXISTING SAFETY MEASURES/CONTROLS

Section 4

Exclusion Zone to be set up around machine when in operation of minimum 5m
Stockpiles angles to be monitored and moved as and when required by loading plant to prevent overspill
All personnel will wear High Visibility Clothing to prevent accidental entry to exclusion zone
No personnel are authorised to enter Exclusion zone while machine is operational
Machinery will receive daily checks for safe operation and be maintained as per manufacturers instruction
Contact to be established with Operator before entry into exclusion zone
Access and egress to machinery will only be via manufacturers safe routes as specified in handbook
PPE - Eye, Hand, Ear, Foot and Fall protection / prevention (PPE / PUWER / LOLER)
All guards will be inspected daily before and after operation to prevent entanglement / entrapment
Safe Isolation systems to prevent accidental machine start up in maintenance sequence
Training, certification, supervision and monitoring of operators to be checked and signed for pre-use
Ground Conditions monitored to prevent overturning / ground instability

EVALUATE THE HAZARDS WITH EXISTING CONTROL MEASURES IN PLACE (Residual risks)

Section 5

	L	S	RR
Note :			
Impact / Crushing	2	5	10
Risk Rating =			
Likelihood x Severity			
Collision with moving Plant	1	5	5
Fall from height	1	4	4
Vibration (Whole Body)	1	3	3
Sensory Damage (Long Term)	1	2	2
Overturning	1	5	5
		Total	29

Section 6

Risk Rating		Risk Rating Bands	Overall Task Rating
Likelihood (L)	Severity (S)		
1= Highly Unlikely	1 = minor (no lost time)	1 - 3 Trivial Risks (no action)	1 - 25 Low
2= Unlikely	2 = Under 3 day absence	3 - 5 Tolerable (monitor)	26 - 50 Medium
3= Likely	3 = Over 3 day	6 - 12 Moderate (Cost V Risk)	51 - 100 High
4 = Very Likely	4 = Chronic Injury	12 - 20 Substantial (STOP task and reduce risk at any cost)	
5 = Certain	5 = Fatal / Terminal	20 - 25 Intolerable	

ADDITIONAL CONTROLS DEEMED NECESSARY (to reduce overall task Rating below 26)

Section 7

Explain why risk level can not be reduced below 26	All persons coming into contact with the machinery will receive, understand and sign for tool box talks on their safe operation and the safe working practice
	Exposure to vibration will be monitored according to Workplace (Health, Safety & Welfare) Regs 1992 and recorded in a log book provided by the employer.
	Dust levels where they occur will be monitored and suppressed. Work will cease should dust levels exceed those agreed by PC Staff.
	Access and Egress to the work site and welfare facilities will be monitored by site management to prevent Slips, Trips and Falls over rough / uneven ground. Remedial works to correct.

ADDITIONAL CONTROLS AGREED (if yes, detail action to be taken)

Section 8

Doors, Windows and panels to machines are to be closed at all times when operating
Hearing protection to conform to: EN352-1 [70dB(A)] protection where required
Additional Training and attention should be paid to Risk Assessments for:
Works at Height, Manual Handling, Plant Movement, Re-Fuelling and Works in Occupied areas
No Maintenance to be carried out while machinery is running - no matter how minor

Section 9

Target date for implementation of additional control measures

Immediate as Required each Site

**Signed by (E.g. Operation / Contracts / Line Manager)
Crynant Plant and Construction Ltd**

Rhodri Hopkins - Director

Date

18/01/2020

Section 10

The risk levels have been reduced as low as is reasonably practicable (ALARP)

Signed (the assessor)

Robert Jones [Safety Advisor] Rob Jones Consultancy

Date

Jan-20

ASSESSMENT REVIEW

Section 11

	Date	Assessment still suitable	Review Carried out by
1st Review			
2nd Review			