RISK ASSESSMENT

RA-2026-0001 | Version 1 | Approved

ASSESSMENT TITLE	SITE / LOCATION	AREA / DEPARTMENT	SECTION / LAB
DEMO - CNC machining centre installation and	SITE-001 RPG Excellence UK	Engineering	Engineering workshop - Machining Cell 2
ASSESSOR	**ASSESSMENT DATE**	**APPROVER**	**REVIEW DATE**
	18 Nov 2026		14 Jan 2027
ASSESSMENT TYPE	**PROJECT / JOB**	**REVIEW FREQUENCY**	**STATUS**
Change	DEMO-CNC-002	Event-based / significant change	Approved

TASK, ACTIVITY AND ASSESSMENT SCOPE

DEMONSTRATION ONLY - fictional assessment supporting DEMO-CNC-002 Management of Change. Covers delivery, unloading, positioning, service connections, commissioning and supervised trial machining. People affected: contractors, operators, maintenance staff and adjacent workers. Review unstable loads, unexpected energisation, failed safeguards, coolant leaks and blocked access. No network connection or external remote access is proposed. This record does not authorise actual work. | Worker consultation: DEMO: planned consultation with operators, maintenance, installation contractor and QHSE on access, isolation, guarding and commissioning; no real consultation claimed.

COSHH / SDS	SAFE SYSTEM OF WORK	PERMIT / REGISTRATION	EMERGENCY ARRANGEMENTS
Not recorded	DEMO-SSOW-CNC-002 - illustrative installation and	Not required	DEMO: maintain access to exits and emergency stops;

WHO MIGHT BE HARMED

[X] Employees	[X] Contractors	[ ] Visitors / Public	[ ] Young Persons	[ ] New / Expectant Mothers	[ ] Disabled Persons	[ ] Lone Workers	[ ] Others

HAZARD REGISTER AND RISK EVALUATION

Hazard / source	How harm could occur	Current control measures	S	L	Current risk	Additional controls required	S	L	Residual risk
1. Mechanical - DEMO: suspended or unstable CNC machine during unloading and movement into the workshop; potential collision with nearby work.	Employees, Contractors. A person could be crushed by a dropped or moving load, causing fatal or serious injury.	DEMO assumptions: planned delivery route and designated receiving area. No real inspection or control verification is claimed.	5	3	15 UNACCEPTABLE	DEMO proposals: contractor lifting plan, verified load and floor capacity, suitable lifting equipment, segregated route, exclusion zone and supervised positioning. Controls must be verified before actual work.	5	1	5 ADEQUATE
2. Electrical - DEMO: connection and commissioning could expose people to live electrical parts or unexpected machine motion.	Employees, Contractors. Electric shock or unexpected energisation could cause fatal injury.	DEMO assumptions only: designated installation area and supplier instructions available; no real control verification claimed.	5	3	15 UNACCEPTABLE	DEMO proposals: competent electrical installation, controlled isolation and verification, restricted access and commissioning checks before release.	5	1	5 ADEQUATE

HAZARD REGISTER AND RISK EVALUATION

Hazard / source	How harm could occur	Current control measures	S	L	Current risk	Additional controls required	S	L	Residual risk
3. Mechanical - DEMO: rotating tooling or ejected workpieces during trial machining where guarding or setup is unsuitable.	Employees, Contractors. Contact with tooling or an ejected component could cause major injury.	DEMO assumptions only: designated installation area and supplier instructions available; no real control verification claimed.	4	3	12 INADEQUATE	DEMO proposals: enclosed guarding and interlock checks, secure workholding, supervised trial programme, trained operators and controlled release.	4	1	4 ACCEPTABLE

RISK-REDUCTION ACTION PLAN

Reference	Action required	Responsible person	Target date	Status	Verification
ACT-001	DEMO: review lifting plan and verify route, load capacity and exclusion arrangements before delivery.		7 Dec 2026	Open	Pending
ACT-002	DEMO: verify supply suitability, installation test results and isolation arrangements before commissioning.		7 Dec 2026	Open	Pending
ACT-003	DEMO: record guarding, interlock and workholding checks and operator familiarisation before production release.		7 Dec 2026	Open	Pending

APPROVAL AND DOCUMENT CONTROL

ASSESSOR	COMPETENT APPROVER	APPROVED	COMMUNICATED
		18 Nov 2026	**Not recorded**

Approval comment: DEMONSTRATION WORKFLOW ONLY - fictional assessment approved solely to demonstrate platform PDF and revision features. No real installation, competent operational review, implemented controls or authorisation to start work is claimed. The three demonstration actions remain open. Review after commissioning or any significant change.

EMPLOYEE ACKNOWLEDGEMENT - BRIEFING / READ AND UNDERSTOOD

Signing confirms receipt and understanding of the assessment and controls. It does not transfer management responsibility.

Name	Department / role	Signature	Date
Not recorded	Not recorded	Not recorded	Not recorded
Not recorded	Not recorded	Not recorded	Not recorded
Not recorded	Not recorded	Not recorded	Not recorded
Not recorded	Not recorded	Not recorded	Not recorded
Not recorded	Not recorded	Not recorded	Not recorded
Not recorded	Not recorded	Not recorded	Not recorded