

# 03 / 07

## Facility Readiness Checklist

A 77+ item pre-deployment site assessment across eight domains. Walk your facility before the robot arrives and close every gap with a named owner.

### WHAT YOU'LL PRODUCE

- Site-readiness sign-off
- Gap register with owners
- Go / no-go decision

**77+**

ITEMS

**8**

DOMAINS

**EU+US**

FLAGGED

— MODULE 03 · SECTION 1

## Eight domains of site readiness

Every domain produces a gap list with an assigned owner. The robot does not arrive until each domain reaches a green status, or carries a documented, accepted exception.

<p><b>01</b> <span>12 ITEMS</span></p> <p><b>Physical space</b></p> <p>Fall-zone clearance, aisle widths, floor flatness, expansion-joint gaps.</p>	<p><b>02</b> <span>9 ITEMS</span></p> <p><b>Electrical</b></p> <p>Supply capacity, charging circuits, grounding, emergency disconnect.</p>	<p><b>03</b> <span>10 ITEMS</span></p> <p><b>Network security</b></p> <p>Segmentation, firmware signing, access control, monitoring.</p>
<p><b>04</b> <span>11 ITEMS</span></p> <p><b>Safety systems</b></p> <p>E-stop coverage, light curtains, area scanners, monitored stops.</p>	<p><b>05</b> <span>8 ITEMS</span></p> <p><b>Environmental</b></p> <p>Lighting, temperature, humidity, floor surface, noise.</p>	<p><b>06</b> <span>9 ITEMS</span></p> <p><b>LOTO / energy</b></p> <p>Isolation points, bracing equipment, service-pose space.</p>
<p><b>07</b> <span>10 ITEMS</span></p> <p><b>Personnel</b></p> <p>Training status, authorisation, PPE, supervision coverage.</p>	<p><b>08</b> <span>8 ITEMS</span></p> <p><b>Documentation</b></p> <p>Risk assessment, DoC, procedures, records on file.</p>	<p><b>77+</b></p> <p><b>Total items</b></p> <p>Each flagged [EU], [US] or both for jurisdiction scope.</p>

**A powered-off biped falls over. Fall-zone clearance is a physical-space requirement, not an afterthought.**

DOMAIN 01 · PHYSICAL SPACE

— MODULE 03 · SECTION 2 · PART 1 OF 4

# Site-readiness checklist

All 77 items, flagged by region with a suggested owner. The editable version adds status and sign-off columns. **This part: physical space & electrical.**

01 Physical space		12 items	
<input type="checkbox"/>	Fall-zone clearance around the full reach envelope	Facilities	EU US
<input type="checkbox"/>	Primary aisles sized for robot plus pedestrian passing width	Operations	EU US
<input type="checkbox"/>	Floor flatness and slope within navigation tolerance	Facilities	EU US
<input type="checkbox"/>	Expansion-joint and grate gaps measured against foot geometry	Facilities	EU
<input type="checkbox"/>	Overhead clearance for full standing height plus reach	Facilities	EU US
<input type="checkbox"/>	Charging / docking station footprint allocated	Operations	EU US
<input type="checkbox"/>	Service space for bracing and service pose	Facilities	EU US
<input type="checkbox"/>	Workspace boundaries physically marked	EHS	EU US
<input type="checkbox"/>	Staging and storage areas separated from robot path	Operations	EU US
<input type="checkbox"/>	Door widths and thresholds passable by the robot	Facilities	EU US
<input type="checkbox"/>	Ramp gradients within manufacturer specification	Facilities	EU
<input type="checkbox"/>	Emergency egress routes unobstructed by robot or path	EHS	EU US

02 Electrical		9 items	
<input type="checkbox"/>	Supply capacity sufficient for charging load	Engineering	EU US
<input type="checkbox"/>	Dedicated charging circuits installed	Engineering	EU US
<input type="checkbox"/>	Grounding and earthing verified	Engineering	EU US
<input type="checkbox"/>	Emergency power disconnect accessible	Engineering	EU US
<input type="checkbox"/>	Circuit protection correctly rated	Engineering	EU US
<input type="checkbox"/>	Cable management prevents trip and entanglement	Facilities	EU US
<input type="checkbox"/>	Backup power for safety systems where required	Engineering	EU
<input type="checkbox"/>	Power quality within robot specification	Engineering	EU US
<input type="checkbox"/>	Charging-area ventilation adequate	Facilities	EU US

— MODULE 03 · SECTION 2 · PART 2 OF 4

# Site-readiness checklist

**This part: network security & safety systems.** These two domains carry the highest weight in the go / no-go decision.

## 03 Network security 10 items

- OT / IT network segmentation in place IT Security EU US
- Firewall rules defined for robot traffic IT Security EU US
- Firmware update-integrity controls in place IT Security EU
- Access control and authentication enforced IT Security EU US
- Wireless coverage and reliability verified IT Security EU US
- Intrusion monitoring and logging enabled IT Security EU US
- Remote-access policy defined and secured IT Security EU US
- Data handling and privacy reviewed Compliance EU
- MR 2023/1230 cybersecurity requirements mapped Compliance EU
- Incident response covers cyber events IT Security EU US

## 04 Safety systems 11 items

- E-stop within arm's reach at every operator position EHS EU US
- E-stop yields monitored standstill, no uncontrolled fall Engineering EU US
- Area scanners / light curtains cover the workspace Engineering EU US
- Speed-and-separation monitoring zones configured and verified Integrator EU US
- Safety controller performance level meets risk assessment Engineering EU US
- Monthly functional test of safety functions documented EHS EU US
- Audible / visual status indication present Engineering EU US
- Safety-rated zone / soft-axis limits set Integrator EU US
- Reset requires deliberate manual action Engineering EU US
- Protective-stop categories correct for application Engineering EU US
- Safety signage installed at zone boundaries EHS EU US

— MODULE 03 · SECTION 2 · PART 3 OF 4

# Site-readiness checklist

This part: environmental & LOTO / energy control.

05 Environmental		8 items
<input type="checkbox"/> Lighting meets minimum lux for machine vision	Facilities	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Temperature within operating range	Facilities	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Humidity within specification	Facilities	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Floor surface suitable for traction	Facilities	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Noise levels assessed for the work area	EHS	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Dust / particulate within rated IP class	Facilities	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Vibration sources identified and assessed	Engineering	<a href="#">EU</a>
<input type="checkbox"/> EMC / interference sources assessed	Engineering	<a href="#">EU</a>

06 LOTO / energy control		9 items
<input type="checkbox"/> Isolation points identified and labelled	Maintenance	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Alternative energy-control procedure documented	EHS	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Bracing / support equipment available and rated	Maintenance	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Service-pace space allocated and clear	Facilities	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Battery isolation point accessible	Maintenance	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Stored-energy verification method defined	Engineering	<a href="#">EU</a> <a href="#">US</a>
<input type="checkbox"/> Lockout devices and tags provided	Maintenance	<a href="#">US</a>
<input type="checkbox"/> Authorised-employee list maintained	EHS	<a href="#">US</a>
<input type="checkbox"/> Re-energisation procedure posted at point of use	Maintenance	<a href="#">EU</a> <a href="#">US</a>

— MODULE 03 · SECTION 2 · PART 4 OF 4

# Site-readiness checklist

This part: personnel & documentation.

07 Personnel		10 items
<input type="checkbox"/>	Operators trained and authorised (Module 06)	EHS <span>EU</span> <span>US</span>
<input type="checkbox"/>	Maintenance staff trained on energy control	EHS <span>EU</span> <span>US</span>
<input type="checkbox"/>	Supervision coverage during operation	Operations <span>EU</span> <span>US</span>
<input type="checkbox"/>	PPE specified and available	EHS <span>EU</span> <span>US</span>
<input type="checkbox"/>	Visitor / contractor control in place	EHS <span>EU</span> <span>US</span>
<input type="checkbox"/>	Training records current	HR <span>EU</span> <span>US</span>
<input type="checkbox"/>	Competency assessments passed	EHS <span>EU</span> <span>US</span>
<input type="checkbox"/>	Roles and responsibilities documented	Operations <span>EU</span> <span>US</span>
<input type="checkbox"/>	Refresher schedule established	EHS <span>EU</span> <span>US</span>
<input type="checkbox"/>	First-aid and emergency response briefed	EHS <span>EU</span> <span>US</span>

08 Documentation		8 items
<input type="checkbox"/>	Risk assessment completed (Module 02)	Compliance <span>EU</span> <span>US</span>
<input type="checkbox"/>	Declaration of Conformity / CE on file	Compliance <span>EU</span>
<input type="checkbox"/>	Operating and maintenance procedures available	Engineering <span>EU</span> <span>US</span>
<input type="checkbox"/>	Energy-control procedure posted at point of use	Maintenance <span>EU</span> <span>US</span>
<input type="checkbox"/>	Training and competency records filed	HR <span>EU</span> <span>US</span>
<input type="checkbox"/>	Incident-reporting process established (Module 07)	EHS <span>EU</span> <span>US</span>
<input type="checkbox"/>	Inspection and test records maintained	Engineering <span>EU</span> <span>US</span>
<input type="checkbox"/>	Manufacturer documentation archived	Compliance <span>EU</span> <span>US</span>

**SIGN-OFF**

A domain reaches green only when all items are complete or carry a documented, risk-assessed exception. Record the go / no-go decision and date before commissioning.

# This was 1 of 7 modules.

The complete toolkit gives your team the other six, ready to fill in:

- 01 Regulatory Overview Guide, which of the five frameworks apply to you
- 02 Risk Assessment Template with a 40+ entry humanoid hazard register
- 04 LOTO / Energy Control Procedure for robots that fall when powered off
- 05 EU Machinery Regulation 2023/1230 Transition Checklist for Jan 20, 2027
- 06 Training and Competency Log, audit-ready operator records
- 07 Incident and Near-Miss Report Form, humanoid-specific categories

**One-time payment of \$397. PDF plus editable Word and Excel files.**

Includes free template updates until ISO 25785-1 publishes as a final standard.

[Get the complete toolkit](#)

[theresarobotforthat.com/safety-compliance-kit](https://theresarobotforthat.com/safety-compliance-kit)

The toolkit carries a 14-day money-back guarantee. Download it, review it with your team, and if it does not fit your deployment, you get your money back.