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Document	TE-RA-02
Revision	0
Date	4 November 2026
Subject	Completed risk assessment: SE1 Working alone (lone worker)

Completed risk assessment

GE Vernova work type SE1, Working alone (lone worker): control system health check and instrument walk-down at a client power plant

Completed safety risk assessment (SRA) for a Telic assignment in this GE Vernova work type, prepared with the method of TE-RA-01: hazards identified per task step, risk evaluated as likelihood (L, 1 to 5) x consequence (C, 1 to 5), control measures per task step (engineering, procedural, PPE) and the residual risk with the controls in place. High 12 to 25, Medium 5 to 11, Low 1 to 4.

Assignment	Gas turbine control system health check (controller, HMI, I/O, alarms and trends), with instrument walk-down of the turbine package. Onshore combined cycle power plant, the Netherlands.
Work type	SE1 Working alone (lone worker); M1 Consultant services. One Telic engineer on site, client control room manned 24/7.
Date and duration	4 November 2026, 3 days, day shift
Assessed by	Remco Petersen, Director / field engineer, Telic Engineering B.V., with the client shift supervisor
Reference documents	TE-PRC-05 (working alone), TE-RA-01 section 6, site induction, site permit-to-work, client lone working rule
Lone working agreed for	Steps 1 to 4 below. Not alone: step 5 (panel work with covers off, live measurements) and any enclosure entry, per TE-PRC-05 section 2.

1. HAZARDS IDENTIFIED FOR EACH TASK, 2. RISK EVALUATED, 3. CONTROL MEASURES FOR EACH TASK

#	Task step	Hazard identified	L	C	Risk	Control measures (E = engineering, P = procedural, PPE)	L	C	Res.
1	Arrival, induction, access to control room	Vehicle movements on site, unfamiliar site, emergency arrangements unknown	2	3	M 6	P: site induction before work, site speed limits, escape routes and muster point confirmed. PPE: hi-vis vest, safety footwear.	1	3	L 3
2	HMI and controller health check in control room, alone	Medical event or injury not noticed while alone	2	4	M 8	P: shift supervisor informed of location and task (TE-PRC-05 protocol), scheduled check every 60 min by phone, control room operator within sight part of the day, mobile phone with site emergency number. PPE: none additional.	1	4	L 4
3	Datalog and alarm review, documentation, alone in client office	Display screen work, fatigue after travel	3	1	L 3	P: breaks every 2 hours, no lone field work after a travel day without rest, host informed of presence.	2	1	L 2

4	Instrument walk-down of turbine package, alone (reading transmitters, visual checks, no intervention)	Slip, trip, fall on grating and stairs; hot surfaces; noise; gas release near fuel skid; nobody nearby to help	3	3	M 9	E: fixed gas detection in the package area, enclosure interlocks. P: walk-down agreed in permit as non-intrusive, route and duration agreed, scheduled radio check every 30 min in the process area, no enclosure entry, three points of contact on stairs. PPE: hard hat, safety glasses, hearing protection, gloves, personal gas detector (bump-tested), FR coverall.	1	3	L 3
5	Signal measurements in control panel with covers removed (24 VDC and 110 VAC present)	Electric shock, arc flash, unexpected trip of running unit	3	4	H 12	P: not done alone (TE-PRC-05 section 2): client instrument technician present; permit for live measurement, alternative controls per TE-PRC-10 section 10, test points only, control room informed before each measurement. E: CAT III rated meter with fused leads, dead-front terminals. PPE: safety glasses, insulated gloves for 110 VAC, no metal jewellery.	1	4	L 4
6	Driving to and from site, hotel stay	Road traffic accident; illness in hotel unnoticed	2	4	M 8	P: journey planned, no driving after a flight plus full shift, daily contact with the director (+31 6 51345316), itinerary and hotel shared before travel.	1	4	L 4

PPE REQUIRED FOR THIS ASSIGNMENT

Hard hat, safety glasses, safety footwear S3, FR coverall, hi-vis vest, gloves, hearing protection, personal gas detector (issued by site, bump-tested daily); insulated gloves for step 5.

NOTES, BRIEFING AND SIGN-OFF

Reviewed with the shift supervisor at the pre-job briefing on day 1; lone working for steps 2 and 4 accepted with the scheduled checks shown. Missed check-in actions per TE-PRC-05 section 4 confirmed with the control room. LMRA repeated before each step and after the lunch break. No change to control settings without the client's written approval.

Prepared by	Remco Petersen, Director / field engineer, Telic Engineering B.V.
Reviewed with	Site supervisor / area authority at the pre-job briefing; aligned with the site risk assessment and permit for the task
Briefed to	All Telic personnel on the assignment before start of work; last-minute risk assessment repeated before each task and at every change of conditions
Stop work	Any person stops the work when a hazard is not controlled as described here (TE-PRC-09)

Signed on behalf of Telic Engineering B.V. (digitally signed)
Remco Petersen, Director · 4 November 2026

Digitally signed by Remco Petersen
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Date: 04/November/2026