

CONSTRUCTION PROTOCOL – SUNDAY WORKS

TANGKAM BESS

83 KOWITZ ROAD, AUBIGNY, QLD, 4401

ACCIONA MECHANICAL & ELECTRICAL



TOOWOOMBA REGIONAL COUNCIL

APPROVED DOCUMENT

referred to in Council's Decision Notice dated

24 June 2026

This plan is subject to conditions of Approval Number

MCUI/2023/3647/A



Assessment Manager

1. PROJECT SUMMARY

ACCIONA is currently working with Hyosung Heavy Industries Corporation (HHIC) (the Client) to develop the Tangkam Battery Energy Storage System (BESS) project (the Project).

The project is a new 100MW 2hr (200MWh) BESS facility, located on a greenfield site in Tangkam, 30km inland from Toowoomba in South-East Queensland, Australia.

The site is located at 83 Kowitz Road, Aubigny, Queensland 4401. The work site access is via the site access road on Kowitz Road. From the nearest regional town, Toowoomba, the access is via Warrego Highway west for 25 km, onto Oakey Pittsworth Road for 5 km, then through the turn onto Kowitz Road.

2. PURPOSE

ACCIONA seeks approval to extend the permitted construction hours currently outlined in Development Application MCUI/2023/3647, the Toowoomba Regional Council–approved Construction Environmental Management Plan (TKM-COM-MAN-PLN-004), and the approved Noise Assessment (MAC231878-01RP1V3), the results of which are provided in Appendix A.

The proposed amendment is to allow construction activities to be undertaken on Sundays, in alignment with the project’s established 10-days-on, 4-days-off (10:4) construction roster. This adjustment is necessary to maintain construction continuity, workforce efficiency, and to ensure critical project milestones are achieved, including meeting Powerlink connection deadlines.

The proposed Sunday works will be undertaken in accordance with the mitigation measures and controls identified in the approved Noise Assessment and Construction Environmental Management Plan. A dedicated protocol will be implemented to ensure ongoing compliance with relevant noise, amenity, environmental, and safety requirements. This protocol is designed to minimise potential impacts on surrounding sensitive receivers while balancing construction necessity with community expectations.

ACCIONA remains committed to proactive community engagement and responsible construction practices, and will continue to monitor and manage noise and amenity impacts to ensure Sunday works are undertaken respectfully and in accordance with all applicable approvals and standards.

3. SCOPE

This protocol applies to all construction personnel, contractors, and subcontractors engaged in Sunday works at the Tangkam BESS site. It specifically governs low-impact construction activities with appropriate mitigation measures implemented to minimise potential impacts to surrounding sensitive receivers and excludes high-noise generating works.

The Current and proposed hours of work are:

Current Work Hours			
Monday – Saturday:	06:30-18:30	Sunday:	06:30-18:30
Hours that require noise protocol			
Monday – Saturday	-	Sunday:	06:30-18:30

4. EXCLUDED HIGH-NOISE ACTIVITIES

The following high noise activities are not to be completed on Sundays in order to minimise disruption to nearby receivers.

- Rock breaking with plant
- Jack hammering or use of percussive tools
- Piling, drilling or vibratory works
- Concrete breaking or saw cutting

- Over Size Over Mass (OSOM) deliveries

5. PERMITTED LOW-NOISE ACTIVITIES

The following low noise activities may be undertaken on Sundays.

- Site inspections and supervision
- General electrical works
- General excavation and earth works (no rock breaking permitted)
- Conduit and pit installation
- Fixing, bolting, and hand-tool assembly works
- Movement of equipment around site with plant (telehandler, skid steer)
- Vehicle movements. Expected vehicle movements to and from include:
 - o Light vehicles x 8
 - o Machinery x 0

6. NOISE MANAGEMENT MEASURES

In order to ensure construction noise is kept to a minimum on Sundays, a dedicated noise monitor will be on site during all Sunday works. A stop-work and adaptive-management protocol will be implemented should monitored levels consistently approach or exceed applicable out-of-hours criteria in accordance with Toowoomba Regional Council requirements.

Also, all subcontractors and workers will receive clear briefings at pre-start briefings, and toolbox talks to ensure a shared understanding of responsibilities and mitigation obligations in regard to noise creation. Operational plant and machinery use will be minimised with no plant left idling when not in use.

ACCIONA will commit to ongoing community consultation and advance notification will be undertaken to ensure stakeholders are informed of upcoming works and potential impacts. Furthermore, if exceptional circumstances require OSOM deliveries on a Sunday outside of regular protocol, this will be organised and approved with Department of Transport and Main Roads, QLD Police and all relevant stakeholders with sufficient notice periods.

7. APPENDIX A



Figure 1 Receiver Locations

Table 1 Receiver Locations

Receiver	Description	Receiver Type	Easting (GDA94/MGA56)	Northing
PR01	LOT 4 PLAN SP112548	Rural Residential	368815	6960418
PR02	LOT 4 PLAN SP112548	Rural Residential	368193	6960233
R01	LOT 80 PLAN RP839408	Rural Residential	369026	6960523
R02	LOT 183 PLAN AG2280	Rural Residential	368975	6960708
R03	LOT 2 PLAN RP186841	Rural Residential	368972	6960928
R04	LOT 1 PLAN RP186841	Rural Residential	369100	6960876
R05	LOT 1 PLAN RP186841	Rural Residential	369126	6960973
R06	LOT 2 PLAN RP218392	Rural Residential	369314	6960827
R07	LOT 62 PLAN RP839408	Rural Residential	369651	6960371
R08	LOT 62 PLAN RP839408	Rural Residential	369608	6960299
R09	LOT 23 PLAN RP24652	Rural Residential	370488	6959611
R10	LOT 2251 PLAN A3410?2	Rural Residential	369105	6958547
R11	LOT 3 PLAN RP36518	Rural Residential	368602	6958620
R12	LOT 1 PLAN RP36521	Rural Residential	367839	6958406
R13	LOT 34 PLAN RP24652	Rural Residential	366963	6960317
R14	LOT 1 PLAN AG3779	Rural Residential	367454	6961031
R15	LOT 11 PLAN AG3779	Rural Residential	367545	6961199

Table 2 Predicted Construction Noise Levels

Receiver	Description/Address	Predicted Noise Level Range dB LAeq(1hr)	Highest Predicted Noise Level dB LAeq(1hr)	Day Period Criteria LAeq(1hr)	Compliance Achieved
R01	LOT 80 PLAN RP839408	37 – 41	41	42	✓
R02	LOT 183 PLAN AG2280	34 – 39	39	42	✓
R03	LOT 2 PLAN RP186841	28 – 32	32	42	✓
R04	LOT 1 PLAN RP186841	28 – 32	32	42	✓
R05	LOT 1 PLAN RP186841	27 – 31	31	42	✓
R06	LOT 2 PLAN RP218392	27 – 31	31	42	✓
R07	LOT 62 PLAN RP839408	26 – 30	<30	42	✓
R08	LOT 62 PLAN RP839408	27 – 31	31	42	✓
R09	LOT 23 PLAN RP24652	19 – 22	<30	42	✓
R10	LOT 2251 PLAN A341012	22 – 25	<30	42	✓
R11	LOT 3 PLAN RP36518	23 – 26	<30	42	✓
R12	LOT 1 PLAN RP36521	20 – 23	<30	42	✓
R13	LOT 34 PLAN RP24652	21 – 25	<30	42	✓
R14	LOT 1 PLAN AG3779	23 – 26	<30	42	✓
R15	LOT 1 PLAN AG3779	22 – 26	<30	42	✓