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JOB SAFETY ANALYSIS (JSA) & SAFE WORK METHOD STATEMENT (SWMS) PROTOCOL

TASK HAZARD ANALYSIS, OPERATIONAL RISK CONTROLS & METHOD STATEMENT EXECUTION

ENTERPRISE SAFE WORK MANDATE: This Job Safety Analysis (JSA) & Safe Work Method Statement (SWMS) Protocol governs task-level risk evaluation, operational procedures, hazard mitigation controls, and quality execution across all 6 core business divisions of EuniServ Limited (RC NO: 9729797). Formulated under ISO 45001:2018, ISO 9001:2015, and ISO 14001:2015 frameworks, this document mandates that no technical task, heavy lift, solar array installation, container fabrication, or fleet haulage dispatch shall commence without an approved, task-specific JSA and Method Statement.

1. EXECUTIVE POLICY DIRECTIVE & METHOD STATEMENT GOVERNANCE

1.1 Executive Management Directive

Executive Management at EuniServ Limited mandates that technical precision and hazard mitigation must be integrated into every operational procedure. Operating as a *Specialized Energy, Industrial Procurement & Technical Supply Chain Partner*, EuniServ Limited requires all field operations—spanning Industrial Procurement & Energy Supplies, Solar Energy & Renewable Power Infrastructure, Fleet Management & Transport Logistics, Modular Accommodation & Site Facilities, Medical Devices & Pharmaceutical Procurement, and Supermarket & Retail Operations—to be executed under documented Safe Work Method Statements (SWMS) backed by rigorous Job Safety Analyses (JSA).

1.2 Core Objectives & Stop-Work Authority Mandate

- Systematic Hazard Breakdown:** Deconstruct every complex engineering, rigging, or electrical operation into discrete activity steps to identify specific hazards and enforce control measures prior to task execution.
- Hierarchy of Controls Application:** Enforce control measures strictly in accordance with the standard hierarchy: (1) Elimination, (2) Substitution, (3) Engineering Controls, (4) Administrative Controls / PTW, and (5) Certified PPE.
- Unconditional Stop-Work Authority (SWA):** Vest absolute authority in every field engineer, technician, rigger, driver, and sub-contractor to halt any operation immediately if site conditions deviate from the approved Method Statement or unmitigated hazards emerge.

2. ENTERPRISE SCOPE & SERVICE-SPECIFIC METHOD STATEMENT FRAMEWORKS

This protocol establishes standard Method Statement and JSA templates customized for EuniServ Limited's 6 core business divisions:

EUNISERV CORE DIVISION	OPERATIONAL SCOPE & CORE ACTIVITY SEQUENCES	KEY HAZARD CONTROLS & SAFE WORK METHODOLOGIES
1. Industrial Procurement & Energy Supplies	Technical vendor vetting, bulk procurement, factory-gate sourcing, pre-dispatch inspections, BOQ matching, and MTC verification. • <i>Mechanical & Fluid Handling</i> • <i>Electrical Infrastructure & Power</i> • <i>Instrumentation & Process Control</i> • <i>MRO, Operations & Safety Gear</i>	Pressure blast shields during hydrostatic valve testing, overhead crane lashing checks, safety-toe footwear, Megger cable insulation testing, and secondary bunding for oil-coated MRO spares.
2. Solar Energy & Renewable Power Infrastructure	Engineering, installation, and maintenance of off-grid/hybrid renewable power systems for high uptime and durability. • <i>Turnkey Power Configurations</i> • <i>PV Solar Array Installation</i> • <i>Balance of Plant (BoP) & Appliances</i> • <i>Energy Audits & Maintenance</i>	DC Lockout/Tagout (LOTO), 100% dual-lanyard fall arrest harnesses above 1.8m on roof arrays, 1000V insulated tools, anti-static grounding mats, and LiFePO4 battery BMS thermal monitoring.
3. Fleet Management & Transport Logistics	Safe transport of workforce, commercial goods, machinery, and project equipment across regional transit corridors under JMP controls. • <i>Corporate & Field Vehicle Hire</i> • <i>Haulage & Freight Operations</i> • <i>Dedicated Fleet Management</i>	Axle load balancing, heavy-duty ratchet strap lashing audits, pre-dispatch 21-point vehicle checks, IVMS satellite speed caps (<80 km/h), and 200L mobile spill kit deployment.
4. Modular Accommodation & Site Facilities	Rapidly deployable, climate-resilient container housing and prefabricated structures engineered for immediate field readiness. • <i>Site Offices & Living Units</i> • <i>Auxiliary Modular Structures</i> • <i>Turnkey Site Preparation</i>	Class A Hot Work Permits for structural welding, N95/P100 HEPA dust respirators for 50mm Rockwool fitting, crane taglines, outrigger soil stability verification, and 500V electrical DB meggering.
5. Medical Devices & Pharmaceutical Procurement	Distribution of certified medical equipment and consumables under strict ISO/NAFDAC-aligned quality frameworks. • <i>Diagnostic & Clinical Equipment</i> • <i>Medical Consumables & PPE</i> • <i>ISO-Aligned Supply Handling</i>	Bio-hazardous medical waste isolation, CFC-free cold-chain handling, sterile packaging verification, tamper-evident seal audits, and WHO/NAFDAC-compliant handling PPE.
6. Supermarket & Retail Operations	Management of bulk consumer merchandise, retail store inventory, and downstream supply channels. • <i>Bulk FMCG & Downstream Supply</i> • <i>Store Inventory & Merchandising</i>	Ergonomic manual handling training, forklift-pedestrian segregation in warehouse yards, retail fire suppression checks, spill cleanup kits, and automated FEFO inventory controls.



3. JOB SAFETY ANALYSIS (JSA) MASTER TEMPLATE & WORKFLOW

The following standardized JSA framework must be completed by the Performing Authority and approved by the EHSQ Manager prior to issuing a Permit to Work (PTW):

WORK SEQUENCE	IDENTIFIED POTENTIAL HAZARDS	INITIAL RISK LEVEL	MANDATORY CONTROL & MITIGATION MEASURES	RESIDUAL RISK
Step 1: Work Site Setup & Equipment Staging	Slip/trip hazards, unauthorized entry, vehicle/pedestrian interaction, pinch points during offloading.	Medium (3C)	Demarcate work zone with safety tape; erect danger signage; enforce safety boots, hard hats, hi-vis vests; assign dedicated banksman for positioning.	Low (1A)

WORK SEQUENCE	IDENTIFIED POTENTIAL HAZARDS	INITIAL RISK LEVEL	MANDATORY CONTROL & MITIGATION MEASURES	RESIDUAL RISK
Step 2: Heavy Lifting & Equipment Positioning	Crane tip-over, rigging failure, suspended load failure, crush injuries, overhead power line contact.	High (5B)	Verify crane annual load test certificate; conduct pre-lift outrigger soil check; inspect synthetic slings; maintain 10m power line clearance; use taglines.	Low (2A)
Step 3: Hot Work & Structural Fabrication	Fire outbreak, welding fumes, electric shock, ultraviolet radiation exposure, flying metal slag.	High (4C)	Issue Class A Hot Work Permit; remove combustibles within 10m; stage 9kg DCP fire extinguisher with fire-watch; wear auto-darkening helmet and leather apron.	Low (2A)
Step 4: Electrical Installation & Commissioning	Arc flash, high-voltage DC/AC electric shock, short circuit, battery thermal runaway, reversed polarity.	High (5C)	Apply physical Lockout/Tagout (LOTO) padlocks; test circuits for zero voltage with calibrated multimeter; wear Class 0 dielectric gloves; verify BMS parameters.	Low (1A)
Step 5: Site Clean-Up & Handover	Sharp metal scrap accumulation, hazardous chemical/oil spills, loose electrical wiring, environmental contamination.	Medium (3C)	Segregate waste into color-coded skips (Red/Blue/Green); deploy hydrophobic spill kits for minor oil drips; conduct final site housekeeping audit with client lead.	Low (1A)



4. SAFE WORK METHOD STATEMENT (SWMS) STRUCTURAL REQUIREMENTS

Every Safe Work Method Statement generated under document code **EUN-JSA-TMP-001** must contain the following core sections to ensure audit readiness and operational clarity:

4.1 Operational Details & Resource Allocation

- Project Title & Scope Description:** Clear definition of the engineering task, client specifications, and location footprint across our 6 core business divisions.
- Personnel Qualifications & Competencies:** Listing certified personnel (e.g., COREN engineers, certified welders, licensed crane operators, ISO-certified EHSQ leads).
- Equipment & Tool Inventory:** Itemizing calibrated machinery, testing meters, lifting gear, and personal protective equipment required.

4.2 Step-by-Step Execution Sequence

Detailed step-by-step description of technical tasks, specifying exact engineering methods, torque parameters, electrical isolation steps, structural tolerances, and quality inspection hold points.

4.3 Emergency Contingency & Rescue Protocols

Task-specific emergency procedures detailing rescue-at-height plans for solar roof installers, confined space evacuation protocols, chemical spill containment steps, and emergency contact escalation trees.

5. EXECUTION GOVERNANCE, BRIEFINGS & SIGN-OFF WORKFLOW

To guarantee that method statements are actively practiced rather than remaining passive documentation, EuniServ enforces a mandatory daily briefing workflow:

- Pre-Task Toolbox Talk (TBT):** Every morning prior to starting work, the Site Supervisor conducts a TBT walking all crew members through the approved JSA and Method Statement.

- **Mandatory Attendance & Acknowledgment:** All workers, technicians, and sub-contractors must sign the JSA Briefing Register confirming they understand the hazards, controls, and their right to exercise Stop-Work Authority.
- **Field Audit & Compliance Verification:** EHSQ Inspectors conduct daily random audits to ensure field work strictly adheres to the approved Method Statement steps. Any deviation results in an immediate work stoppage until rectifications are made.

KALAIYO SOALA RAYMOND

Executive Director, Technical Operations & Logistics

Date: August 16, 2026

MICHAEL EUNICE MAURICE

Executive Director, Strategy & Commercial Operations

Date: August 16, 2026



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