CRANE, LIFT & SPECIALIZED TRANSPORT — INCLUSIVE PPE SELECTION WORKSHEET

Aligned with OSHA 29 CFR 1926.95 (Properly Fitting PPE) & Subpart CC (Cranes and Derricks in Construction)

PART 1: CREW MEMBER, FLEET & ACCOMMODATION PROFILE

Worker Name: _____	**Project / Yard / Route ID:** _____
Assessor / Lift Director: _____	**Assessment Date:** _____

Primary Role: ☐ Crane Operator ☐ Rigger / Signalperson ☐ Heavy Haul / Specialized Transport Driver ☐ Pilot / Escort ☐ Mechanic / Technician

Confidential Sizing & Accommodation Check: Ask the worker if they require petite or extended sizing, maternity high-visibility/harness gear, prescription eyewear compatibility, medical/sensory accommodations, or religious headwear/beard accommodations (e.g., chin-strap helmet compatibility with hijabs/turbans or PAPR units for facial hair).

PART 2: CRANE, RIGGING & HEAVY HAUL INCLUSIVE PPE SELECTION MATRIX

Body Zone & Industry Hazards	Required PPE & Standards	Inclusive Fit & Accommodation Criteria	Verified?
1. Head Protection Suspended loads, rigging swing, climbing cab ladders, low trailer clearances	**ANSI/ISEA Z89.1** Type I or Type II Climbing-Style Safety Helmet with 4-point chin strap	**Suspension & Retention:** Ratchet suspension adjusts to smaller or larger head circumferences without slipping when looking up at boom tips. **Hair & Headwear:** Accommodates buns, braids, locs, hijabs, or turbans without tilting the shell or impeding chin-strap buckle placement.	☐ Pass ☐ Re-size
2. Eye & Face Protection Windblown dust, hydraulic fluid spray, rust/wire rope debris, sun glare	**ANSI/ISEA Z87.1** Anti-Fog Safety Glasses, Sealed Goggles, or Face Shield (tinted/ polarized for outdoor lift ops)	**Facial Geometry:** Narrow-bridge or low-nose-bridge frames eliminate gaps against wind and grit on open decks. **Prescription Wearers:** Over-the-glass (OTG) frames or prescription inserts sit securely without pinching under earmuffs.	☐ Pass ☐ Re-size
3. Hearing & Comms Diesel engines, winches, air brakes, highway transport noise (≥85 dBA)	**ANSI S3.19 (NRR Rated)** Earplugs, Earmuffs, or Two-Way Radio Comms Headsets	**Ear Canal & Band Fit:** Small-diameter plugs stocked for narrower ear canals; headset bands adjust for smaller crown heights. **Seal Integrity:** Cushions seal cleanly around eyewear temples, earrings, and head coverings without breaking acoustic protection.	☐ Pass ☐ Re-size
4. Hand Protection Wire rope burrs, chain binders, pinch points, hydraulic oil, cold weather	**ANSI/ISEA 105 & 138** Cut- & Impact-Resistant Rigging Gloves; Chemical/Insulated Gloves	**True Sizing (XXS–3XL):** Snug finger length and palm width prevent loose fingertips from catching in sheaves, hooks, or winches. **Tactile Control:** Preserves dexterity for fine joystick operation, shackle pins, and radio push-to-talk buttons.	☐ Pass ☐ Re-size
5. High-Visibility & Body Blind spots around cranes, heavy haul loading zones, roadside/highway escorts	**ANSI/ISEA 107 Type R/P** Class 2 or Class 3 Hi-Vis Vest, Jacket, or FR Workwear	**Tailored & Extended Cuts:** Women's-specific, petite, tall, and extended sizes prevent excess fabric from snagging on cab controls or rigging. **Maternity & Modesty:** Expandable maternity vests/outerwear and long-line tunics maintain required 360-degree reflective striping.	☐ Pass ☐ Re-size
6. Fall Protection Boom assembly/disassembly, flatbed/lowboy load securement (≥6 ft), crane walkways	**ANSI/ASSP Z359.11** Full-Body Harness, Leading-Edge SRL, or Shock-Absorbing Lanyard	**Contoured Fit:** Women's-specific or contoured chest straps avoid breast tissue pressure; leg/torso straps adjust cleanly for varied hip widths. **Capacity Rating:** Harness and SRL rated for total worker weight including heavy winter layers and rigging tools.	☐ Pass ☐ Re-size

Body Zone & Industry Hazards	Required PPE & Standards	Inclusive Fit & Accommodation Criteria	Verified?
7. Foot Protection Heavy rigging gear, slippery steel decks, oil/grease, uneven outrigger pads	**ASTM F2413** Safety-Toe Boots with Slip- & Oil-Resistant Outsoles (EH rated as needed)	**True Anatomical Lasts:** Built on women's, wide, or narrow lasts rather than scaled-down men's molds to prevent heel slip on ladders. **Pedal Feel & Support:** Flexible sole and proper ankle lockdown for safe crane foot-pedal control and rough-terrain walking.	☐ Pass ☐ Re-size
8. Respiratory Protection Exhaust fumes in yards/tunnels, silica dust during site prep, hazardous cargo	**NIOSH Approved** Filtering Facepiece (N95), Half/Full-Face Elastomeric, or Loose-Fitting PAPR	**Facepiece Seal:** Small/narrow respirator sizes stocked for quantitative or qualitative fit testing. **Facial Hair Accommodation:** Loose-fitting Powered Air-Purifying Respirators (PAPRs) provided for workers with religious or medical beards.	☐ Pass ☐ Re-size

PART 3: PRE-LIFT / PRE-HAUL PHYSICAL FIT CHECK & SIGN-OFF

- **Full-Range Mobility Test:** Worker puts on all assigned PPE simultaneously and simulates overhead signaling, climbing cab/trailer access ladders, crouching to attach rigging, and checking blind spots.
- **Snag & Entanglement Check:** Confirm sleeves, vest hems, harness straps, and glove cuffs sit flush without loose material near moving winches, chains, or cab joysticks.
- **Zero PPE Interference:** Confirm chin-strap helmet, safety eyewear, radio headset, and respirator do not push each other out of alignment or obstruct peripheral vision.

Worker Signature: _____ **Date:** _____

Lift Director / Safety Supervisor: _____ **Date:** _____

Retain completed worksheet in crew safety records. Source specialty sizing via the CPWR Inclusive PPE Directory or ANSI-accredited safety suppliers.