COURSE TABLE OF CONTENTS

HIRA & JSA Training

OEM: Koenig Original • Duration: 1 Day (4 hrs)

COURSE MODULES & TOPICS

Module 1: Regulatory Compliance and Core Concepts

- Course objectives and learning outcomes
- Compliance imperative
- Legal and management standards (ISO 45001, Factories Act, BOCW, OSHA)
- Key terminology: hazard, risk, likelihood, consequence, residual risk
- Selecting HIRA vs. JSA vs. JHA

Module 2: Governance, Roles, and Documentation Control

- Roles and responsibilities: management, EHS, supervisors, workers
- Mandatory worker consultation and contractor alignment
- Document control and approval sign-offs
- Revision triggers: MOC and post-incident

Module 3: Assessment Process and Risk Scoring

- Scoping routine, non-routine, and emergency activities
- Breaking jobs into logical sequential steps
- Identifying hazards: physical, chemical, biological, ergonomic, psychosocial
- Applying the 5x5 risk matrix for initial risk rating

Module 4: Control Selection and Field Implementation

- Applying the hierarchy of controls and calculating residual risk
- Integrating controls with PTW and LOTO
- Delivering pre-task briefings and field verification
- Dynamic risk assessment and exercising stop-work authority

Module 5: Audit Readiness and Common Pitfalls

- Eliminating copy-paste and generic assessments
- Top compliance audit non-conformances
- Good vs. poor assessment examples

Module 6: Case Study and Practical Exercise

- Case study: incident root causes from flawed risk assessments
- Team exercise: drafting and reviewing a compliant JSA/HIRA

Module 7: Competency Assessment and Wrap-Up

- Written knowledge quiz: multiple choice and scenario questions

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