


RTO ID: 91627



CIVIL RAIL INFRASTRUCTURE

YALAGAN REGISTERED TRAINING
CAREER TASTER TRY A TRADE

2 DAY COURSE

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DAY 1

SESSION 1. RAILWAY INDUSTRY INTRODUCTION

- Start with an engaging video about the Civil Rail Infrastructure
- Presentation (PowerPoint 1-20) Industry introduction with focus on Railway Infrastructure / Civil & Construction.
- Career overviews in Railways with focus on Construction
- Industry safety protocols / career options.
- Rail Infrastructure & Civils Plant and Equipment types and their functions.

SESSION 2 A. RAILWAY RADIO PROTOCOLS (CLASS DIVIDED INTO 2 GROUPS)

- Introduction to Phonetic Alphabet - Numeral and 24hr clock
- Low frequency handheld CB radios used for Rail radio protocols
- Selection of Railway Safety and Safety Critical Communications role play / script
- Rail Task description and personal job tasks. (4 x teams 2)
- Driver, driver assistant to read out role play visual radio communication & instruction as they present during rail role play

SESSION 2 B. RAIL INFRASTRUCTURE TRAIN OPERATIONS SIMULATOR PROGRAM

GROUP 2

Activity One: Train Operations

- Locomotive exits workshop trial
- Activity to learn rail controls

Activity Two: Yard Operations

- Locomotive pick up of loaded ballast wagon
- Move to bottom dumper
- Unload wagon
- Stable wagon and return to depot

Activity Three: Ballast Drop Off

- Shunting pick up empty wagons
- Load ballast @ overhead bin
- Travel to drop site
- Set up wagon for distributing ballast
- Ballast Operations
- Close of ballast and stable train

Activity Four: Tamping Ballast

- Track machine, start and move tamping machine to ballast drop site
- Set up machine for tamping operations
- Tamp track
- Shut down tamping operations
- Train to travel to yard location & stable machine

DAY 2

Groups 1 & 2 to swap tasks and continue with radio or train simulator training

FINAL SESSION WRAP UP AND REFLECTIONS

- Program Review and Summary
- Hand out completion certificates

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