

# Mastering the NEC4 Engineering and Construction Contract (ECC)

## OVERVIEW

The **NEC4 Engineering and Construction Contract (ECC)** is one of the most widely used modern construction contracts globally, known for its proactive risk management, collaboration principles, and structured contract administration processes. This intensive and practical training course equips delegates with the knowledge and tools to confidently administer, manage, and deliver projects under the NEC4 ECC framework.

Participants will gain a deep understanding of NEC4 core clauses, main Options (A–F), secondary options, compensation events, early warnings, programme requirements, payment mechanisms, and dispute resolution procedures. The course is ideal for project managers, engineers, quantity surveyors, contract administrators, consultants, and contractors working on infrastructure, civil engineering, building, energy, and public sector projects.

By the end of this course, participants will be able to:

- Understand the structure and philosophy of NEC4 ECC
- Interpret and apply core clauses and main Options (A–F)
- Manage early warnings and risk registers effectively
- Administer compensation events correctly
- Assess and certify payments under different pricing mechanisms
- Manage programme submissions and acceptance procedures
- Apply dispute resolution mechanisms under NEC4
- Improve collaboration and reduce contractual disputes
- Ensure compliance with NEC4 timelines and procedural requirements

## WHO SHOULD ATTEND

- Engineers and Engineering Managers
- Architects and Design Professionals
- Contractors and Construction Managers
- Health & Safety Practitioners
- Compliance Officers and Inspectors
- Municipal and Regulatory Officials

## WORKSHOP FACILITATED BY JOHAN BOSMAN

**Johan Bosman** is a highly experienced construction contracts practitioner and facilitator specialising in the practical application of the NEC3 Engineering and Construction Contract. With extensive experience in infrastructure and construction project environments, Johan brings real-world insight into contract administration, risk management, and dispute avoidance under NEC frameworks. He has worked closely with contractors, consultants, project managers, and employers to ensure successful project delivery through proactive contract management and compliance with NEC principles.

**Independent Training Management (Pty) Ltd**

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# MASTERING THE NEC4 ENGINEERING AND CONSTRUCTION CONTRACT (ECC)

## Introduction to NEC4

- Background and development of NEC contracts
- Key principles: collaboration, transparency, proactive management
- Differences between NEC3 and NEC4
- Overview of NEC4 contract suite

## Structure of NEC4 ECC

- Core Clauses
- Main Options (A: Priced with Activity Schedule, B: Priced with BoQ, C: Target Contract, D: Target with BoQ, E: Cost Reimbursable, F: Management Contract)
- Secondary Options
- Z Clauses and amendments

## Roles and Responsibilities

- Employer
- Contractor
- Project Manager
- Supervisor
- Adjudicator

## Early Warning & Risk Management

- Early warning procedures
- Risk register management
- Risk reduction meetings
- Preventing disputes through proactive management

## Programme Management

- Requirements for accepted programme
- Float and time risk allowance
- Programme updates and acceptance
- Impact on compensation events

## Compensation Events

- Identifying compensation events
- Notification procedures and time bars
- Quotations and assessment
- Project Manager's assessment
- Effects on time and cost

## Payment Mechanisms

- Assessment of amounts due
- Defined cost and fee
- Pain/gain share mechanisms (Target Contracts)
- Final account procedures

## Managing Change Under NEC4

- Variations vs compensation events
- Instructions and scope changes
- Managing change efficiently

## Quality Management & Defects

- Role of Supervisor
- Defect correction period
- Testing and inspection

## Dispute Resolution

- Adjudication process
- Avoiding disputes through compliance
- Practical case studies

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LIVE ONLINE TRAINING | 9 – 10 April 2026



**Booking Contact (Approving Official) Mr/Mrs/Ms**

Full Names: \_\_\_\_\_

Company name: \_\_\_\_\_

Direct Tel No: \_\_\_\_\_ E-mail: \_\_\_\_\_ Fax: \_\_\_\_\_

VAT No: \_\_\_\_\_

Address: \_\_\_\_\_

Signature \_\_\_\_\_

Person Responsible for Finance: \_\_\_\_\_ Direct Tel No: \_\_\_\_\_ Date of Payment: \_\_\_\_\_

## BANKING DETAILS:

Independent Training Management Pty Ltd

Bank: FNB South Africa

Account Number: 62685879276

Branch Code: 251650

Branch: Randburg

## THE FOLLOWING HEREBY CONFIRM ATTENDANCE TO THE WORKSHOP

Delegate 1: Names \_\_\_\_\_

Position: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Delegate 2: Names \_\_\_\_\_

Position: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Delegate 3: Names \_\_\_\_\_

Position: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Delegate 4: Names \_\_\_\_\_

Position: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Delegate 5: Names \_\_\_\_\_

Position: \_\_\_\_\_ E-Mail: \_\_\_\_\_

*All fees are current at the time of going to print; however, we reserve the right to change them.*

### 2. Additional Delegate Rates:

*Additional delegate rates apply when bookings are made at the same time on the same course.*

### 3. Confirmation Instructions:

*On receipt of this submitted booking form and payment or purchase order you will receive a confirmation letter by email confirming your participation in the training event.*

*This includes a location map with directions and venue details and starting times.*

### 4. Attendance:

*Please note that no learner will be permitted to attend any training course without proof of payment or an order no.*

### 5. Delegate Substitution:

*Substitutes can be made at any time without incurring a penalty. Please inform us in writing so we can make the necessary arrangements for the new learner.*

### 6. Payment:

*Payment can be made by cheque or by electronic transfer, and must be received 5 working days prior to the commencement of the course.*

*Please quote the reference number from your invoice and organisation name so that payments can be tracked. All cancellations must be done in writing and emailed directly to Independent Training. Management Inform us immediately if you have to re-schedule or cancel the booking so that we can inform the caterers and conference venue.*

### The following charges apply if you cancel:

*- 11 - 30 days before a course = 10% of the course fee*

*- 6 – 10 days before a course = 20% of the course fee*

*- 4 – 6 days before a course = 30% of the course fee*

*- 1-3 days before a course = 50% of the course fee*