

BASIC RAW MATERIALS – NQF LEVEL 3

Duration: 3 days + 1 day follow up
 Target: Operator / candidates competent in NQF Level 2
 Prerequisite: NQF Level 2
 NQF Info: NQF Level 3
 Qualification: National Certificate In Plastics Manufacturing NQF Level 3
 Credits: 12
 Certification: MERSETA accredited PFSA Certification.

Unit Standard:

- Work with and look after materials in the plastic manufacturing production process [119169]

Course Objective:

To be able to collect, use, store and care for materials during and after the production process. To also know the basic make up of plastics materials, common types of plastics materials, Key properties which influence storage, transport, processing and the end-product

Outcomes: At the end of the course the learners will be able to :

- Develop Collect, use, store and look after materials during and after the production process.
- Plan and arrange transport of materials to the workstation.
- Look after, transport and safely store materials.
- Prepare materials and components for the production and post-production processes.

Contents:

- Use of material-related issues include:
- Material properties, grades, types, additives and preparation requirements of various plastics
- Effects of moisture, heat, storage conditions, packing, stacking, etc, on materials
- Implications of wrong materials being processed
- Effects of materials on myself, other personnel and the environment
- Importance of materials handling, and my role in it, to the production process
- Reasons for delays and problems encountered, and the implications of delay for production processes

Assessment and Certification:

- Assignments to be submitted within two weeks following training. One follow up day is required to give feedback on assessed assignments. A PFSA Certificate of Competence is issued to successful candidates
- Relevant credits may be awarded to successful learners upon MERSETA due approval process.

Gauteng: Head Office:
 Reg. No. 79/0607/08
 18 Gazelle Avenue, Corporate Park,
 Old Pretoria Road, Midrand
 Private Bag X68, Halfway House, 1685
 South Africa
 Tel: +27 11 314 4021
 Fax: | +27 11 314 3764

KZN: Building No. 2
 KZN Experimental College
 Corner Surprise and Richmond
 Roads
 Westmead
 Durban
 Telephone Number: 031 702 7222
 Facsimile Number: 031 702 7322

W.Cape: Unit D
 Olympic Park
 969 Voortrekker Road
 Maitland
 Cape Town
 Telephone Number: 021 591 5512
 Facsimile Number: 021 591 5516