

## CONSTRUCTION ROAD WORKER - UNIT STANDARDS BREAKDOWN

| No. | SAQA ID | Unit Standard Description                                                                                                                                                  | NQF Level | Credits |
|-----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|
| 1   | 9357    | Develop and use keyboard skills to enter text                                                                                                                              | 1         | 4       |
| 2   | 116932  | Operate a personal computer system                                                                                                                                         | 1         | 3       |
| 3   | 9966    | Establish and prepare a work area.                                                                                                                                         | 2         | 4       |
| 4   | 12903   | Install precast concrete pipes                                                                                                                                             | 2         | 5       |
| 5   | 14336   | Maintain records on a construction site.                                                                                                                                   | 2         | 2       |
| 6   | 13972   | Identify, describe and use materials in civil engineering construction.                                                                                                    | 2         | 4       |
| 7   | 14054   | Read and interpret construction drawings and specifications.                                                                                                               | 2         | 3       |
| 8   | 14336   | Maintain records on a construction site.                                                                                                                                   | 2         | 2       |
| 9   | 15034   | Work in confined spaces on construction sites.                                                                                                                             | 2         | 2       |
| 10  | 7469    | Use mathematics to investigate and monitor the financial aspects of personal and community life.                                                                           | 2         | 2       |
| 11  | 7480    | Demonstrate understanding of rational and irrational numbers and number systems.                                                                                           | 2         | 3       |
| 12  | 9007    | Work with a range of patterns and functions and solve problems.                                                                                                            | 2         | 5       |
| 13  | 9009    | Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems.                             | 2         | 3       |
| 14  | 12444   | Measure, estimate and calculate physical quantities and explore, describe and represent geometrical relationships in 2-dimensions in different life or workplace contexts. | 2         | 3       |
| 15  | 9964    | Apply Health & Safety to a work area                                                                                                                                       | 2         | 3       |
| 16  | 9986    | Apply quality principles on a construction site                                                                                                                            | 2         | 12      |
| 17  | 12908   | Set out control point for centre line and edge line marking for road marking                                                                                               | 2         | 5       |
| 18  | 14556   | Apply productivity principles on a construction site                                                                                                                       | 2         | 6       |
| 19  | 13958   | Maintain and repair bituminous road surfaces                                                                                                                               | 2         | 8       |
| 20  | 14578   | Erect palisade fencing                                                                                                                                                     | 3         | 4       |
| 21  | 14581   | Repair / replace minor structures                                                                                                                                          | 3         | 10      |
| 22  | 110095  | Interpret the composition, construction sequence and processes of the construction industry.                                                                               | 3         | 3       |
| 23  | 9968    | Procure materials, tools and equipment.                                                                                                                                    | 3         | 6       |
| 24  | 14580   | Read and interpret construction drawings and specifications.                                                                                                               | 3         | 10      |
| 25  | 7456    | Use mathematics to investigate and monitor the financial aspects of personal, business and national issues.                                                                | 3         | 5       |

|    |        |                                                                                                                                                    |   |   |
|----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| 26 | 9010   | Demonstrate an understanding of the use of different bases and measurement units and an awareness of error in the context of relevant calculations | 3 | 2 |
| 27 | 9012   | Investigate life and work-related problems using data and probabilities                                                                            | 3 | 5 |
| 28 | 9013   | Describe, apply, analyse and calculate shape and motion in 2 and 3-dimensional space in different contexts                                         | 3 | 4 |
| 29 | 14572  | Set out control points for marking barrier lines and islands                                                                                       | 3 | 6 |
| 30 | 14573  | Set out control points for marking symbols                                                                                                         | 3 | 2 |
| 31 | 14574  | Set out pipes, culverts and transfer levels                                                                                                        | 3 | 6 |
| 32 | 114218 | Demonstrate an understanding and implement environmental initiatives on a construction project                                                     | 4 | 6 |