

**DEPARTMENT OF HIGHER EDUCATION AND TRAINING
DEPARTEMENT VAN HOËR ONDERWYS EN OPLEIDING****No. 691****31 August 2012****SKILLS DEVELOPMENT ACT, 1998
LISTING OF OCCUPATIONS AS TRADES FOR WHICH ARTISAN QUALIFICATIONS
ARE REQUIRED**

I, Bonginkosi Emmanuel Nzimande, MP, Minister of Higher Education and Training, hereby issue a definition and criteria to classify an occupation as a trade and a list of trade occupations in terms of Section 26B of the Skills Development Act, 1998 (Act No. 97 of 1998) attached in the schedules 1 and 2 respectively.



**DR. B. NZIMANDE, MP
MINISTER OF HIGHER EDUCATION AND TRAINING**

DATE: 01/08/12

SCHEDULE 1**Definition and Criteria to Classify an Occupation as a Trade.**

Section 26B of the Skills Development Act indicates that SETAs may apply to the Minister in the prescribed form to include an occupation as a listed trade in the Gazette.

In order to align the inclusion of any such occupation as a trade on the Gazetted list with established skills development planning processes, SETAs will be required to include such an application on the form as prescribed in the procedure of submitting new occupations to the Department for inclusion on the Organizing Framework of Occupations (OFO).

However any occupation that a SETA wants to be included as a trade on the OFO must first be submitted to the National Artisan Moderation Body (NAMB) for evaluation and possible endorsement that the occupation meets the criteria for classification of an occupation as a Trade.

The relevant forms to request new occupations on the OFO have been adjusted to include the submission of such an application by a SETA to NAMB should the SETA wish to do so.

In this regard the Skills Development Amendment Act defines:

- An artisan as “a person who has been certified as competent to perform a listed trade in accordance with the Skills Development Act”
- A trade is “an occupation for which an artisan qualification is required in terms of Section 26 B” of the Skills Development Act.

The NAMB will utilize the titles, descriptors, alternate titles, and tasks from the prevailing version of the OFO as the basis to determine which occupations are trades and can be listed by the Minister.

Criteria that will be utilized by NAMB to classify occupations as Trades.

The occupational titles, descriptors, alternate titles, and tasks will be compared to the following broad generic description of a trade:

An occupation where in a qualified person applies a high level of practical skills supported and re-enforced by underpinning and applied knowledge to:

- Manufacture, produce, service, install or maintain tangible goods, products or equipment in an engineering and/or technical work environment (*excluding process controllers and operators*).
- Uses tools and equipment to perform of his/her duties.
- Measure and do fault finding on process, manufacturing, production and/or technical machinery and equipment to apply corrective or repair actions.
- Apply and adhere to all relevant health, safety and environmental legislation.
- Has an accumulative learning period covering knowledge, practical and workplace learning that is equivalent to three or more years.

The route to achieve artisan status will also be considered as such a route is uniquely characteristic of a trade and usually includes features such as:

- ♦ a structured learning programme of knowledge, practical and work experience
- ♦ a structured learning programme that must be successfully completed before a final assessment is attempted
- ♦ a final external summative assessment that must be passed and is known as a trade test.

Historic and global classification of occupations as trades will also be considered.

Any occupation that is determined by NAMB to align to the above criteria will be endorsed for classification as a trade.

SCHEDULE 2

Occupations to be listed as trades for which artisan qualifications are required:

The list below is based on the prevailing version of the Organising Framework for Occupations (OFO).

Specialisations under trades as listed could be checked using the prevailing version of the Organising Framework for Occupations.

OFO Code	Trade
343401	Chef
514101	Hairdresser
641201	Bricklayer
641301	Stonemason
641303	Refractory Mason
641501	Carpenter and Joiner
641502	Carpenter
641503	Joiner
642201	Wall and Floor tiler
642302	Plasterer
642501	Glazier
642601	Plumber
642603	Gas Practitioner
642607	Pipe Fitter
642701	Air-Conditioning and Refrigeration Mechanic
642702	Refrigeration Mechanic
643101	Painter
643202	Vehicle Painter
651101	Moulder
651202	Welder
651203	Fitter-Welder
651301	Sheet Metal Worker
651302	Boiler Maker
651401	Metal Fabricator
651404	Structural Plater
651501	Rigger
652101	Blacksmith
652201	Toolmaker
652202	Gunsmith
652203	Locksmith
652204	Patternmaker
652206	Die Sinker
652301	Metal Machinist
652302	Fitter and Turner

652403	Saw Maker and Repairer
653101	Automotive Motor Mechanic
653103	Motorcycle Mechanic
653109	Automotive Engine Mechanic
653201	Aircraft Maintenance Mechanic
653202	Aircraft Structures Worker
653301	Industrial Machinery Mechanic
653303	Mechanical Fitter
653304	Diesel Fitter
653305	Small Engine Mechanic
653306	Diesel Mechanic
653307	Heavy Equipment Mechanic
653308	Tractor Mechanic
653309	Forklift Mechanic
661101	Precision Instrument Maker and Repairer
661102	Watch and Clock Maker and Repairer
661103	Scale Fitter
661201	Musical Instrument Maker or Repairer
661301	Goldsmith
661302	Diamond and Gemstone Setter
661501	Glass Maker
661502	Optical Mechanic
661601	Signwriter
661602	Engraver
662101	Pre-Press Technical Worker
662104	Electronic Originator
662105	Gravure Cylinder Preparation Technician
662106	Process Engraver
662201	Printing Machinist
662203	Screen Printer
662204	Paper Sheetfed offset Lithography Technician
662205	Metal Sheetfed Offset Lithography Technician
662207	Monoblock Offset Machine Technician
662208	Roll Label Machine Technician
662210	Heatset Rotary Offset Lithography Technician
662211	Coldset Rotary Offset Lithography Technician
662212	Rotary Printing and Re-reeling Flexographic Machine Technician
662213	Rotary Printing And Re-Reeling - Gravure Machine Technician
662215	Stationery Machine Technician
662301	Binder and Finisher
662304	Craft Bookbinding Technician
662305	Mechanised Hard Cover Bookbinding Technician
662306	Guillotine Operator
671101	Electrician
671202	Millwright
671203	Mechatronics Technician

671204	Lift Mechanic
671205	Weapon Systems Mechanic
671206	Electrical Equipment Mechanic
671207	Armature Winder
671208	Transportation Electrician
671301	Electrical Line Mechanic
671302	Cable Jointer
672101	Avionics Mechanician
672102	Radar Mechanic
672103	Business Machine Mechanic
672104	Electronic Equipment Mechanician
672105	Instrument Mechanician
672107	Special Class Electrician
672108	Radiotrician
672201	Data and Telecommunications Cabler
672203	Computer Engineering Mechanic / Serviceperson
672204	Telecommunications Line Mechanic
672205	Telecommunications Technician
681103	Butcher
681201	Confectionary Baker
681202	Pastry Cook
681203	Confectionery Maker
682201	Cabinetmaker
682303	Wood Machinist
682304	Wood Turner
682305	Cooper
683101	Tailor
683401	Upholsterer
684901	Textile, Clothing, Footwear and Leather Processing Machine Mechanic
684902	Farrier
684904	Panelbeater
684905	Vehicle Body Builder
684906	Vehicle Trimmer
684907	Boatbuilder and Repairer
684908	Shipwright
684909	Survival Equipment Fitter
684910	Ammunition Fitter
684913	Melter
711203	Diamond Cutter
712201	Electroplater
714208	Plastics Manufacturing Machine Setter
714209	Reinforced Plastics and Composite Trades Worker
718304	Packaging Manufacturing Machine Minder
718904	Integrated Manufacturing Line Machine Setter
734212	Railway Track Master