



Technical Education  
and Skills Development Authority

# Webliography

The Webliography is an electronic bibliographic listing of topics related to the qualification titles of a particular TVET priority sector, with pre-searched *URLs* (uniform resource locators) and descriptions (abstracts).

The pre-searched *URLs* provide contents in reference to the title of promulgated Training Regulations (TR). By clicking the weblinks (underlined *URLs* in blue text), your internet browser will direct you to the website/webpage where you can find the topic related to the title you selected. The Webliography is a useful tool for trainers who are designing and developing competency-based curriculum and learning materials.

[TESDA](#) » [Webliography](#) » [Construction Sector](#)

## INTERNET RESOURCES

### Construction Sector

#### Scope:

Buildings, roads and bridges are essential to ever growing communities that demand the highest quality work. Workers in this sector have various classifications and levels

Source: <http://www.processtechnicalservices.com/quality-assurance.asp>

#### ❖ 2018 International Building Code (ICC IBC-2018)

<https://blog.ansi.org/2017/11/2018-international-building-code-icc-ibc/#gref>

This webpage provides information on building codes that are adopted in various countries. It also includes links to related topics.

[Updated January 31, 2019]

#### ❖ National Building Code of the Philippines

[http://www.dpwh.gov.ph/dpwh/references/laws\\_codes\\_orders/national\\_law](http://www.dpwh.gov.ph/dpwh/references/laws_codes_orders/national_law)

This webpage provides a downloadable PDF of PD 1096. It also includes links to construction-related topics

[Updated January 31, 2019]

#### ❖ Construction in the Philippines

<https://www.giiresearch.com/report/time237680-construction-philippines-key-trends-opportunities.html>

This webpage provides information about the growth, prospects and projects of construction industry in the Philippines.

[Updated January 31, 2019]

#### List of qualifications:

- Articulated off-highway dump truck NC II
- Backhoe loader [HEO] NC II
- Building wiring maintenance NC II –III
- Bulldozer [HEO] NC II
- Carpentry NC II & III
- Concrete stacker NC II
- Construction lift passenger material elevator operation NC II
- Construction painting NC II & III
- Crawler crane [HEO] NC II
- Forklift [HEO] NC II
- Gantry crane [HEO] NC II
- Hydraulic excavator [HEO] NC II
- Masonry NC II & III
- Motor grader [HEO] NC II
- Paver [HEO] NC II
- Plumbing NC I – III
- PV system design NC II
- PV system installation NC II
- PV system servicing NC III
- Reinforcing steel works NC II
- Rigid off-highway dump truck [HEO] NC II
- Rigid on-highway [HEO] NC II
- Rigging NC II
- Road roller NC II
- Rough terrain crane NC II
- Scaffold erection NC I
- Screed operation NC I
- Structural erection NC I
- System formwork installation NC II
- Technical drafting NC II
- Tile setting NC II
- Transit tower crane NC II
- Truck mounted crane NC II
- Tower crane NC II
- Wheel loader NC II

## INTERNET RESOURCES

### Articulated off-highway dump truck NC II

#### Core Competencies

- Perform pre- and post-operation procedures for hauling equipment
- Perform basic preventive maintenance servicing for hauling equipment
- Perform productive operation for off-highway dump truck (articulated)

### Backhoe loader [HEO] NC II

#### Core Competencies

- Perform pre- and post-operation procedures for earth moving equipment
- Perform basic preventive maintenance servicing for earth moving equipment
- Perform productive operation for backhoe loader

#### ❖ Dump truck definition

<https://www.merriam-webster.com/dictionary/dump%20truck>

This webpage defines the dump truck as a vehicle used in transporting bulk materials that has a body that tilts to dump its contents.

[Updated January 31, 2019]

#### ❖ The first articulated dump truck

<http://www.constructionequipment.com/first-articulated-dump-trucks>

This webpage features the first ADT that was introduced in 1963.

[Updated January 31, 2019]

#### ❖ John Deere Articulated off-highway dump trucks

[https://www.deere.com/wps/dcom/en\\_US/products/equipment/articulated\\_dump\\_trucks/articulated\\_dump\\_trucks.page](https://www.deere.com/wps/dcom/en_US/products/equipment/articulated_dump_trucks/articulated_dump_trucks.page)

This is a webpage showing dump trucks in action, including the weight categories and specifications.

[Updated January 31, 2019]

#### ❖ How to specify trucks for off-road performance

<http://www.constructionequipment.com/how-specify-trucks-road-performance>

This webpage details the specifications required for an off-road truck.

[Updated January 31, 2019]

#### ❖ Maintenance Tips for Dump Trucks

<https://www.baierl.com/maintenance-tips-dump-trucks/>

This webpage provides information on maintaining dump trucks.

[Updated January 31, 2019]

#### ❖ Articulated Dump Trucks (ADTs) Produce for Those Who are Prepared

<https://www.constructionequipment.com/articulated-dump-trucks-ads-produce-those-who-are-prepared>

This webpage provides information on operating articulated dump trucks. It also includes illustrations on driving, loading and unloading.

[Updated January 31, 2019]

#### ❖ Description of backhoe loader

[http://en.wikipedia.org/wiki/Backhoe\\_loader](http://en.wikipedia.org/wiki/Backhoe_loader)

This webpage describes backhoe loaders as equipment used in construction to dig earth.

[Updated January 31, 2019]

#### ❖ CAT backhoe loaders

[http://www.cat.com/en\\_IN/products/new/equipment/backhoe-loaders.html](http://www.cat.com/en_IN/products/new/equipment/backhoe-loaders.html)

This webpage features the CAT backhoe loaders including some other models for use in construction.

[Updated January 31, 2019]

#### ❖ How to operate a backhoe

<http://www.wikihow.com/Operate-a-Backhoe>

This webpage explains the operation of a backhoe.

[Updated January 31, 2019]

#### ❖ Tips for Basic Preventive Maintenance for Backhoe Loaders

<http://www.trekkergroup.com/tips-basic-preventive-maintenance-backhoe-loaders/>

This webpage provides tips on maintaining backhoe loaders.

[Updated January 31, 2019]

## INTERNET RESOURCES

### Bulldozer [HEO] NC II

#### Core Competencies

- Perform pre- and post-operation procedures for earth moving equipment
- Perform basic preventive maintenance servicing for earth moving equipment
- Perform productive operation for bulldozer

### Carpentry NC II

#### Core Competencies

- Prepare / stake-out building lines
- Fabricate formworks
- Install formwork components
- Strip formwork components
- Install framing works

### Carpentry NC III

#### Core Competencies

- Install architectural ceiling, wall sheaths / panels / boards and floor finishes
- Fabricate / install door / window jambs and panels
- Install stair components and / or pre-fabricated stairs assembly
- Install built-in and / or pre-fabricated cabinets

#### ❖ Description of Bulldozer operator

<http://dot-job-descriptions.careerplanner.com/BULLDOZER-OPERATOR-I.cfm>

This learning resource from CareerPlanner.com describes the job of a bulldozer operator and includes tips on how to get the right job.

[Updated January 31, 2019]

#### ❖ Bulldozer operation modules

<http://www.heavyconstructionacademy.com/category/bulldozer-operations/>

This webpage describes the operation of bulldozers in different terrains including safety to the operator and equipment.

[Updated January 31, 2019]

#### ❖ How to operate a bulldozer

<https://sciencing.com/operate-bulldozer-7206633.html>

This webpage provides information and instructions on operating the bulldozer including safety.

[Updated January 31, 2019]

#### ❖ Daily Maintenance Tasks

<https://beamersdozer.weebly.com/daily-maintenance-tasks.html>

This webpage provides instructions on maintaining the bulldozer.

[Updated January 31, 2019]

#### ❖ Basic Construction and Carpentry Techniques

<http://www.basiccarpentrytechniques.com/>

This webpage provides information on basic carpentry skills necessary for completing home renovation, home building and other construction projects.

[Updated January 31, 2019]

#### ❖ Laying out the Building Lines for Your Natural Building

<https://naturallivingschool.com/2012/10/24/laying-out-the-building-lines-for-your-natural-building/>

This webpage provides information on laying out building lines for site preparation of a building structure.

[Updated January 31, 2019]

#### ❖ Designing Buildings Wiki-Carpentry

<https://www.designingbuildings.co.uk/wiki/Carpentry>

This webpage defines the job of a carpenter as one of the oldest trades and still widely required in modern construction that involves shaping, cutting, and installation of wood for buildings and other structures.

[Updated January 31, 2019]

#### ❖ Vector Aluminum Formwork

[https://www.vectoratlantic.net/formwork?gclid=EAlaIQobChMlr-eMwYmX4AIVjg0qCh1kKQ\\_4EAAYASAAEgIHpvD\\_BwE](https://www.vectoratlantic.net/formwork?gclid=EAlaIQobChMlr-eMwYmX4AIVjg0qCh1kKQ_4EAAYASAAEgIHpvD_BwE)

This webpage features the Vector Aluminum Formwork that offers strength and flexibility required in the construction of buildings and other structures.

[Updated January 31, 2019]

#### ❖ Concrete Formwork Removal Time, Specifications and Calculations

<https://theconstructor.org/building/formwork-removal-time-specification/11083/>

This webpage provides information on the removal of formworks

## INTERNET RESOURCES

after the concrete has gained sufficient strength.

[Updated January 31, 2019]

### ❖ **Basic Carpentry Framing Tips**

<https://www.carpentry-pro-framer.com/>

This webpage provides information on building wooden frames for structures i.e. roof and floors. It also includes illustrations of frames.

[Updated January 31, 2019]

### ❖ **3M DI-NOC Installation**

<https://www.windowfilmdepot.com/product/3m-di-noc/>

This webpage features 3M products that can transform existing surfaces to any design and color desired by applying vinyl wrap finishes.

[Updated January 31, 2019]

### ❖ **Building an Interior Door: Part One – The Frame**

<https://www.finewoodworking.com/2009/04/23/building-an-interior-door-part-one-the-frame/>

This webpage provides instructions in making wooden door jambs and panels with images of the activities.

[Updated January 31, 2019]

### ❖ **How to Make a Window Frame**

<https://www.hunker.com/13403270/how-to-make-a-window-frame>

This webpage provides instructions in making wooden window jambs and panels with video.

[Updated January 31, 2019]

### ❖ **How to Install Wood Stairs**

<https://www.wikihow.com/Install-Wood-Stairs>

This webpage provides instructions in installing wood stairs with illustrations and guide on how to perform the activities.

[Updated January 31, 2019]

### ❖ **How to Install Prefab Wood Stairs**

[https://www.ehow.com/how\\_12226383\\_install-prefab-wood-stairs.html](https://www.ehow.com/how_12226383_install-prefab-wood-stairs.html)

This webpage provides instructions in installing prefabricated wood stairs with illustrations and guide on how to perform the activities.

[Updated January 31, 2019]

### ❖ **Finishing and Installing a Built-In Cabinet Bookcase with Counter**

<https://www.instructables.com/id/Finishing-Installing-a-Built-In-Cabinet-Bookcase-w/>

This webpage provides instructions in installing built-in bookcase cabinet with counter and drawers.

[Updated January 31, 2019]

### ❖ **Install pre-fabricated kitchen cabinets**

<https://www.rona.ca/en/projects/Install-pre-fabricated-kitchen-cabinets>

This webpage provides instructions in installing pre-fabricated cabinets.

[Updated January 31, 2019]

## INTERNET RESOURCES

### Concrete pump NC II

#### Core Competencies

- Perform pre- and post-operation procedures for concreting and asphaltting equipment
- Perform basic preventive maintenance servicing for concreting and asphaltting equipment
- Perform productive operation for concrete pump

### Construction lift passenger material elevator operation NC II

#### Core Competencies

- Operate Construction Lift Passenger/ Material Elevator

### Construction painting NC II

#### Core Competencies

- Prepare tools, painting materials and equipment
- Prepare surface for painting
- Perform painting work

### Construction painting NC III

#### Core Competencies

- Prepare tools, painting materials and equipment
- Prepare surface for painting
- Perform painting work
- Estimate painting requirements
- Perform mixing / tinting of paints
- Perform re-painting / re-touching work

### Concrete pump NC II

#### Core Competencies

#### Core Competencies

#### ❖ Concrete pump definition

[http://en.wikipedia.org/wiki/Concrete\\_pump](http://en.wikipedia.org/wiki/Concrete_pump)

<http://ezinearticles.com/?What-Is-A-Concrete-Pump?&id=5367738>

These webpages defines concrete pump.

[Updated January 31, 2019]

#### ❖ Concrete pump operator career

<http://www.mymajors.com/career/concrete-pump-operator/>

This webpage describes the career of a concrete pump operator.

[Updated January 31, 2019]

#### ❖ How does a concrete pump truck work

<http://www.everything-about-concrete.com/how-does-a-concrete-pump-truck-work.html>

This webpage describes the equipment used by a concrete pump operator.

[Updated January 31, 2019]

#### ❖ Basic Information About Lifts

<http://www.gmv-eu.com/info-lift.html>

This webpage provides information about lifts.

[Updated January 31, 2019]

#### ❖ Types of Construction Lifts or Boom Lifts

<https://careertrend.com/list-7512663-types-construction-lifts-boom-lifts.html>

This webpage provides information about the types of lifts used in the construction industry.

[Updated January 31, 2019]

#### ❖ How to Prepare a Painting Kit

<https://www.diynetwork.com/how-to/skills-and-know-how/painting/how-to-prepare-a-painting-kit>

This webpage provides instructions in preparing a painting kit.

[Updated January 31, 2019]

#### ❖ Tools for Surface Preparation

<https://www.diynetwork.com/how-to/skills-and-know-how/painting/tools-for-surface-preparation>

This webpage provides instructions on how to prepare the tools required in surface preparation.

[Updated January 31, 2019]

#### ❖ How to prepare walls for painting

<https://www.cleanipedia.com/za/in-the-home/how-to-prepare-walls-for-painting.html>

This webpage provides instructions on how to prepare walls for painting by cleaning and removing obstructions on the surfaces of areas to be painted.

[Updated January 31, 2019]

#### ❖ Wall Painting Philippines

<https://www.paint.com.ph/wall-painting-philippines/>

This webpage provides instructions on how to customize wall painting to suit any lifestyle.

[Updated January 31, 2019]

#### ❖ Diesel Concrete Pump

<https://aimixgroup.com/diesel-concrete-pump/>

This webpage provides information about diesel concrete pump.

[Updated January 31, 2019]

## INTERNET RESOURCES

- Perform pre- and post-operation procedures for concreting and asphaltting equipment
- Perform basic preventive maintenance servicing for concreting and asphaltting equipment
- Perform productive operation for concrete pump

### Container stacker NC II

#### Core Competencies

- Perform pre- and post-operation procedures for material handling equipment
- Perform basic preventive maintenance servicing for container stacker
- Perform productive operation for container stacker

### Crawler crane NC II

#### Core Competencies

- Perform pre- and post-operation procedures for lifting equipment
- Perform basic preventive maintenance servicing for lifting equipment
- Perform productive operation for crawler crane

#### ❖ How to Prep, Use, and Clean a Concrete pump Basics

<https://www.youtube.com/watch?v=CGzE6FrXDmY>

This webpage provides an instructional video in preparing, using and cleaning a concrete pump.

[Updated January 31, 2019]

#### ❖ Don't Let Paver Performance Slip

<https://www.forconstructionpros.com/concrete/equipment-products/concrete-pavers/article/11413652/maintain-concrete-pavers-for-maximum-longevity-and-productivity>

This webpage provides tips on maintaining concrete pavers to avoid downtime in its operation.

[Updated January 31, 2019]

#### ❖ Comprehensive Guide to Asphalt Paver Maintenance

<https://www.forconstructionpros.com/asphalt/pavers/article/20982978/comprehensive-guide-to-asphalt-paver-maintenance>

This webpage provides tips on maintaining asphalt pavers to avoid downtime in its operation.

[Updated January 31, 2019]

#### ❖ Container stacker definition

<http://www.thefreedictionary.com/stacker>

[http://en.wikipedia.org/wiki/Intermodal\\_container](http://en.wikipedia.org/wiki/Intermodal_container)

This webpage defines the container stacker.

[Updated January 31, 2019]

#### ❖ Container stacker job description

<http://www.seek.com.au/job/26832738>

This webpage defines the role of a container stacker for the job requirement and opportunity.

[Updated January 31, 2019]

#### ❖ Container stacker job opportunities

[http://www.jobseeker.com.au/Reach-Container-Stacker-jobs#email\\_alert\\_modal](http://www.jobseeker.com.au/Reach-Container-Stacker-jobs#email_alert_modal)

This webpage lists some foreign career opportunities for a container stacker.

[Updated January 31, 2019]

#### ❖ Container stacking cones

<http://www.pacificmarine.net/marine-deck/cargo-securing/container-stacking-cones.htm>

This webpage provides information on the cones used in securing the container to the carriage.

[Updated January 31, 2019]

#### ❖ Crawler crane definition

<http://www.merriam-webster.com/dictionary/crawler%20crane>

<http://www.wisegEEK.com/what-is-a-crawler-crane.htm>

This webpage describes the crawler crane.

[Updated January 31, 2019]

#### ❖ Crawler crane operator jobs

<http://www.jobisjob.com/crawler+crane+operator/jobs>

"This webpage describes the jobs of a crawler crane operator."

[Updated January 31, 2019]

#### ❖ Crawler crane safety

[http://www.ehow.com/facts\\_6873149\\_crawler-crane-safety.html](http://www.ehow.com/facts_6873149_crawler-crane-safety.html)

This webpage details the safety aspects in operating the crawler

## INTERNET RESOURCES

### Forklift NC II

#### Core Competencies

- Perform pre- and post-operation procedures for lifting equipment
- Perform basic preventive maintenance servicing for lifting equipment
- Perform productive operation for forklift

### Gantry crane NC II

#### Core Competencies

- Perform pre- and post-operation procedures for material handling equipment
- Perform productive operation for gantry crane

### Hydraulic excavator NC II

#### Core Competencies

- Perform pre- and post-operation procedures for earth-moving equipment
- Perform basic preventive maintenance servicing for earth-moving equipment
- Perform productive operation for hydraulic excavator

crane.

[Updated January 31, 2019]

#### ❖ Forklift safety tips

<https://www.atlantictraining.com/safety-tips/forklift-safety-tips.php>

This webpage provides safety tips in operating forklifts.

[Updated January 31, 2019]

#### ❖ How to operate a forklift: pre-operation, traveling, load handling, and maintenance

<https://www.convergencetraining.com/blog/how-to-operate-a-forklift>

This webpage provides information and guide on the operation of forklift including handling and safety.

[Updated January 31, 2019]

#### ❖ Importance of Forklift Preventive Maintenance

<https://www.renoforklift.com/importance-of-forklift-preventive-maintenance/>

This webpage provides a guide and reasons why preventive maintenance is necessary to increase the longevity of forklift.

[Updated January 31, 2019]

#### ❖ Gantry Crane-Crane Safety Procedures

<https://www.tru.ca/safety/workinglearningsafely/work/gantrycrane.html>

This webpage provides a guide in inspecting and operating the gantry crane.

[Updated January 31, 2019]

#### ❖ Gantry Crane

[https://en.wikipedia.org/wiki/Gantry\\_crane](https://en.wikipedia.org/wiki/Gantry_crane)

This webpage defines the gantry crane or an overhead crane as a crane built atop a gantry which is a structure used to straddle an object or workspace. They are also called bridge crane.

[Updated January 31, 2019]

#### ❖ How to inspect a used compact excavator

<https://www.equipmentworld.com/inspection-checkpoint-12/>

This webpage provides information and instructions on inspecting used min hydraulic excavator prior its operation.

[Updated February 7, 2019]

#### ❖ Heavy Equipment Inspection – Excavator Checklist

<http://www.inspectequipment.com/ExcavatorInspection.html>

This webpage provides a checklist for the inspection and maintenance of hydraulic excavator.

[Updated February 7, 2019]

#### ❖ Maintenance of Heavy Earth Moving Equipment

<http://mahindraconstructionequipment.com/blog/maintenance-of-heavy-earth-moving-equipment>

This webpage provides guidelines on the maintenance of heavy earth moving equipment.

[Updated February 7, 2019]

#### ❖ Productivity Guide: Excavators 45 to 50 Metric Tons

<https://www.equipmentworld.com/productivity-guide-excavators-45-to-50-metric-tons/>

This webpage provides tips on the safe operation of heavy earth moving equipment.

[Updated February 7, 2019]

## INTERNET RESOURCES

### Masonry NC II

#### Core Competencies

- Prepare masonry materials
- Perform basic masonry works
- Lay brick/block for structure
- Plaster wall surface
- Install pre-cast balusters and handrail

### Masonry NC III

#### Core Competencies

- Prepare masonry materials
- Perform basic masonry work
- Lay bricks / blocks for structure
- Plaster concrete / masonry surface
- Install pre-cast baluster and handrail
- Apply special cement finishes to concrete and masonry surface
- Repair defective concrete and masonry surface

### Motor grader NC II

#### Core Competencies

- Perform pre- and post-operation procedures for earth moving equipment
- Perform basic preventive maintenance servicing for earth moving equipment
- Perform productive operation for motor grader

### Plumbing NC I

#### Core Competencies

#### ❖ Complete construction masonry and concrete

<https://www.equipmentworld.com/inspection-checkpoint-12/>

This is a series of construction learning resource materials that provides insights into installation, construction, storage and cleaning techniques" It is more on decision making and construction performance.

[Updated February 7, 2019]

#### ❖ How to Lay Brick

<https://www.diynetwork.com/how-to/skills-and-know-how/masonry-and-tiling/how-to-lay-brick>

This webpage provides a step-by-step guide on laying masonry blocks or bricks including images of the process.

[Updated February 7, 2019]

#### ❖ How to Plaster a Wall

<https://www.wikihow.com/Plaster-a-Wall>

This webpage provides a step-by-step guide on laying plaster on a wall two parts with illustrations.

[Updated February 7, 2019]

#### ❖ How to Install Concrete Balustrades

[https://www.ehow.com/how\\_12213643\\_install-concrete-balustrades.html](https://www.ehow.com/how_12213643_install-concrete-balustrades.html)

This webpage provides a step-by-step guide on installing concrete balustrade with video on how to perform the task.

[Updated February 7, 2019]

#### ❖ How to Finish Concrete

<https://www.familyhandyman.com/masonry/pouring-concrete/how-to-finish-concrete/view-all/>

This webpage provides a guide on finishing concrete and video on pouring concrete.

[Updated February 7, 2019]

#### ❖ Concrete Repairs

<https://precast.org/2010/05/concrete-repairs/>

This webpage provides a guide on repairing concrete surfaces and defects on other concrete projects.

[Updated February 7, 2019]

#### ❖ How to Operate a Road Grader

<https://careertrend.com/how-7276515-operate-road-grader.html>

This webpage provides information and instructions on the operation of road grader.

[Updated February 7, 2019]

#### ❖ Tips for Basic Preventive Maintenance for Motor Graders

<https://www.trekkergroup.com/tips-for-basic-preventive-maintenance-for-motor-graders/>

This webpage provides information and instructions on performing preventive maintenance for motor grader.

[Updated February 7, 2019]

#### ❖ Motor Grader Operations

<https://www.foleyeq.com/motor-grader-operations.html>

This webpage provides information on the operation of motor grader controls and functions.

[Updated February 7, 2019]

#### ❖ Tips and Tricks for Sewer Pipe Installation

<https://www.thebalancesmb.com/sewer-pipe-installation-845035>



## INTERNET RESOURCES

- Prepare pipes for installation
- Make piping joints and connections
- Perform minor construction works

### Plumbing NC II

#### Core Competencies

- Prepare pipes for installation
- Make piping joints and connections
- Perform minor construction works
- Perform single unit plumbing installation and assemblies
- Perform plumbing repair and maintenance works
- Conduct pipe leak testing

### Plumbing NC III

#### Core Competencies

- Perform complex and multi-story plumbing installation and assemblies
- Install hot and potable chilled water piping system
- Draft plumbing design

### Rigid on-highway dump truck NC II

#### Core Competencies

- Perform pre- and post-operation procedures for hauling equipment
- Perform basic preventive maintenance servicing for hauling equipment
- Perform productive operation for on-highway dump truck (rigid)

This webpage provides information and guide on installing sewer pipes. It also includes images to provide an insight of the activities.  
[Updated February 7, 2019]

#### ❖ Types of Pipe Fittings Used in Piping

<https://hardhatengineer.com/pipe-fittings/>

This webpage provides information on pipe fittings. It also shows charts to guide in selecting the type of pipe fitting to use in any connection with illustrations of various pipe fittings.

[Updated February 7, 2019]

#### ❖ How to Connect Pipes & Fittings

[https://www.diy.com/ideas-advice/how-to-connect-pipes-fittings/CC\\_npcart\\_400170.art/](https://www.diy.com/ideas-advice/how-to-connect-pipes-fittings/CC_npcart_400170.art/)

This webpage provides a guide for connecting various pipes. It also includes related topics in cutting, bending, connecting and running new supply pipes with illustrations.

[Updated February 7, 2019]

#### ❖ Basic plumbing repair

<http://www.diynetwork.com/plumbing/index.html>

This is an illustrated learning resource material that explains step-by-step procedures and techniques of basic plumbing repair.

[Updated February 7, 2019]

#### ❖ Building codes and standards Plumbing Code 2006

<http://www.housing.gov.bc.ca/building/code/>

This webpage provides learning resource materials and references which governs & regulates quality of materials, designs, erection, installation, alteration, repair, replacement and maintenance of plumbing systems.

[Updated February 7, 2019]

#### ❖ Modern plumbing: instructors resource

<http://www.amazon.com/Modern-Plumbing-Instructors-Resource-Binder/dp/1590704037>

This webpage contains instructor's resource material that provides a guide and basic instructions on handling various hand tools.

[Updated February 7, 2019]

#### ❖ Basic Design for Piping: Isometric Drawings

<http://www.pipingguide.net/2015/01/basic-design-for-piping-isometric.html>

This webpage provides a guide on drawing piping installations that can be plotted in plumbing plans and blueprints.

[Updated February 7, 2019]

#### ❖ How to Use a Dump Truck

<http://www.stepbystep.com/how-to-use-a-dump-truck-38560/>

This webpage provides information on operating a dump truck in three simple steps.

[Updated February 7, 2019]

#### ❖ How to Operate a PTO on a Dump Truck

<https://www.hunker.com/13425640/how-to-operate-a-pto-on-a-dump-truck>

This webpage provides the procedures in operating a power take-off (PTO) on a dump truck to raise the bed and unload its contents.

[Updated February 7, 2019]

#### ❖ How to Maintain Your Dump Truck's Like-New Condition

<https://carlifeneration.com/how-to-maintain-your-dump-trucks-like->

## INTERNET RESOURCES

### Rigging NC I

#### Core Competencies

- Inspect rigging gears
- Install rigging gears
- Assist crane operator

### Road roller NC II

#### Core Competencies

- Perform pre- and post-operation procedures for earth moving equipment
- Perform basic preventive maintenance servicing for earth moving equipment
- Perform productive operation for road roller [Compactor]

### Rough terrain crane NC II

#### Core Competencies

- Perform pre- and post-operation procedures for lifting equipment
- Perform basic preventive-maintenance servicing for lifting equipment
- Perform productive operation for rough-terrain crane

### Tower crane NC II

#### Core Competencies

- Perform pre- and post-operation procedures for lifting equipment

[new-condition/](#)

[Updated February 7, 2019]

#### ❖ Rigging Gear Inspection Guidelines

[http://www.jrclancy.com/downloads/JRC\\_2007-02%20Rigging%20Inspection%20Guideline.pdf](http://www.jrclancy.com/downloads/JRC_2007-02%20Rigging%20Inspection%20Guideline.pdf)

This webpage contains downloadable checklist in PDF for the inspection of rigging equipment.

[Updated February 7, 2019]

#### ❖ Offshore Platform Construction: Topside Module Installation

<https://www.youtube.com/watch?v=SJLksOuNav4>

This webpage contains a video on the construction of an offshore platform..

[Updated February 7, 2019]

#### ❖ Safe Work Procedures Roller/ Compactor

[http://www.marsonhire.com.au/images/uploads/downloads/SWP\\_Roller\\_Compactor.pdf](http://www.marsonhire.com.au/images/uploads/downloads/SWP_Roller_Compactor.pdf)

This webpage presents a chart of instruction for operating a road roller/ compactor.

[Updated February 7, 2019]

#### ❖ How to Grade a Gravel Driveway

<https://www.drpowerblog.com/how-to-grade-a-gravel-driveway/>

This webpage provides information on using mini compactor to prepare the driveway for paving.

[Updated February 7, 2019]

#### ❖ How to Improve the life of small road rollers through maintenance

<http://www.haohongcn.com/newsdetail.aspx?id=10>

This webpage provides information on maintaining small road rollers to extend its useful life.

[Updated February 7, 2019]

#### ❖ Rough Terrain Crane Training

<https://hardhattraining.com/rough-terrain-crane/>

This webpage provides information about rough terrain crane.

[Updated February 7, 2019]

#### ❖ Rough Terrain Cranes Lift Job Site Versatility

<https://www.constructionequipment.com/rough-terrain-cranes-lift-job-site-versatility>

This webpage provides information on the operation of rough terrain crane.

[Updated February 7, 2019]

#### ❖ How to maintain the heavy crane, especially Groove RT65S to get the best work?

<https://www.micoequipment.com/blog/how-to-maintain-the-heavy-crane-especially-groove-rt65s-to-get-the-best-work/>

This webpage provides information on the maintenance of the RT65S rough terrain crane.

[Updated February 7, 2019]

#### ❖ How to Become a Tower Crane Operator

<https://www.wikihow.com/Become-a-Tower-Crane-Operator>

This webpage provides information on pursuing a career as a tower crane operator.

[Updated February 7, 2019]

## INTERNET RESOURCES

- Perform productive operation for tower crane

### Transit mixer NC II

#### Core Competencies

- Perform pre- and post-operation procedures for concreting and asphaltting equipment
- Perform basic preventive maintenance servicing for concreting and asphaltting equipment
- Perform productive operation for transit mixer

### Truck-mounted crane NC II

#### Core Competencies

- Perform pre- and post-operation procedures for lifting equipment
- Perform basic preventive maintenance servicing for lifting equipment
- Perform productive operation for truck-mounted crane

### Wheel loader NC II

#### Core Competencies

- Perform pre- and post-operation procedures for earth-moving equipment
- Perform basic preventive maintenance servicing for earth-moving equipment
- Perform productive operation for wheel loader

#### ❖ How to Maintain a Tower Crane

<http://www.towercranechina.com/new/how-to-maintain-a-tower-crane.html>

This webpage provides information in maintaining a tower crane.  
[Updated February 7, 2019]

#### ❖ Transit Mixer | Parts | Concrete Discharging

<http://www.engineeringintro.com/all-about-construction-equipments/transit-mixer-parts-concrete-discharging/>

This webpage provides information about transit mixer, its parts and operation.

[Updated February 7, 2019]

#### ❖ How to Operate a Concrete Mixing Truck

<http://unique-cons.com/service-and-training/training-service/281-how-to-operate-a-concrete-mixing-truck.html>

This webpage provides information on the operation of transit mixer.  
[Updated February 7, 2019]

#### ❖ How Cement Mixers Work

<https://science.howstuffworks.com/transport/engines-equipment/cement-mixer.htm>

This webpage provides information on the principle of operation of cement mixers.

[Updated February 7, 2019]

#### ❖ How to Properly Use Crane Trucks

<http://www.hydrauliccranetruck.com/properly-use-crane-trucks-safety/>

This webpage provides information on the operation of crane trucks with additional topics on training and certification, controls, safety, and inspection.

[Updated February 7, 2019]

#### ❖ Seven Questions to Ask Before Fitting a Crane tor Trucks

<https://www.utilityproducts.com/articles/print/volume-8/issue-6/product-focus/vehicles-accessories/seven-questions-to-ask-before-fitting-a-crane-to-a-truck.html>

This webpage provides tips and instructions on fitting crane to a truck including safety and government regulations.

[Updated February 7, 2019]

#### ❖ Tips on how to operate the CAT 966F wheel loader equipment

<https://www.micoequipment.com/blog/tips-on-how-to-operate-the-cat-966f-wheel-loader-equipment/>

This webpage provides information on the operation of wheel loaders particularly the CAT 966F.

[Updated February 7, 2019]

#### ❖ Make Time for Wheel Loader Maintenance

<https://www.forconstructionpros.com/equipment/earthmoving/loaders/article/10117175/make-time-for-wheel-loader-maintenance>

This webpage provides information about wheel loaders and how to maintain it for maximum productivity.

[Updated February 7, 2019]

#### ❖ Wheel Loader – Operation & Safety

<https://www.vista-training.com/training/silver-series/wheel-loader>

This webpage provides information on the operation of wheel loader.  
[Updated February 7, 2019]