

Qualification Pack



Brake Specialist

QP Code: ASC/Q1414

Version: 1.0

NSQF Level: 4

Automotive Skills Development Council || 153, Gr Floor, Okhla Industrial Area, Phase - III, Leela Building
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ASC/Q1414: Brake Specialist

Brief Job Description

A Brake Specialist is responsible for performing diagnostic tests and determining common problems occurring in the Braking & allied systems. The individual also repairs and replaces various components/aggregates in the braking system of the vehicle and performs routine maintenance of various components/aggregates within the Braking system.

Personal Attributes

An individual on this job must have good communication and interpersonal skills in addition to being a team player, as the job requires coordination with other technicians. The individual must have a technical bend of mind to understand the technical aspects of the vehicle especially relating to the braking systems. The individual must be patient and good listening ability is highly desirable to understand various requirements and tackle the irritable customers. The individual must know how to drive a vehicle to practically test drive and identify any repair or service requirements in the braking system.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [ASC/N0001: Plan and organise work to meet expected outcomes](#)
2. [ASC/N0002: Work effectively in a team](#)
3. [ASC/N0003: Maintain a healthy, safe and secure working environment](#)
4. [ASC/N1423: Assemble, overhaul and repair braking system](#)

Qualification Pack (QP) Parameters

Sector	Automotive
Sub-Sector	Automotive Vehicle Service
Occupation	Technical Service and Repair
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7231.0105

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Minimum Educational Qualification & Experience	I.T.I (Automobile) with 3-5 years of experience For other qualifications OR 10th Class with 3-5 years of experience For other qualifications
Minimum Level of Education for Training in School	
Pre-Requisite License or Training	On the job training: Desirable for ASDC Brake Specialist Certificate or Diploma in Automotive Repair Compulsory for all other qualifications
Minimum Job Entry Age	18 Years
Last Reviewed On	10/08/2013
Next Review Date	30/06/2020
Deactivation Date	30/06/2020
NSQC Approval Date	20/07/2015
Version	1.0

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ASC/N0001: Plan and organise work to meet expected outcomes

Description

This NOS unit is about planning and organising an individuals work in order to complete it to the required standards on time.

Scope

This unit/task covers the following:

- work requirements including various activities, deliverables or work output required in the given time, maintain set quality standards
- appropriate use of resources (both material / equipment's and manpower)

Elements and Performance Criteria

Work requirements including various activities within the given time and set quality standards

To be competent, the user/individual on the job must be able to:

- PC1.** keep immediate work area clean and tidy
- PC2.** treat confidential information as per the organisations guidelines
- PC3.** work in line with organisations policies and procedures
- PC4.** work within the limits of job role
- PC5.** obtain guidance from appropriate people, where necessary
- PC6.** ensure work meets the agreed requirements

Appropriate use of resources

To be competent, the user/individual on the job must be able to:

- PC7.** establish and agree on work requirements with appropriate people
- PC8.** manage time, materials and cost effectively
- PC9.** use resources in a responsible manner

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the organisations policies, procedures and priorities for area of work, role and responsibilities in carrying out that work
- KU2.** the limits of responsibilities and when to involve others
- KU3.** specific work requirements and who these must be agreed with
- KU4.** the importance of having a tidy work area and how to do this
- KU5.** how to prioritize workload according to urgency and importance and the benefits of this
- KU6.** the organisations policies and procedures for dealing with confidential information and the importance of complying with these
- KU7.** the purpose of keeping others updated with the progress of work

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- KU8.** who to obtain guidance from and the typical circumstances when this may be required
- KU9.** the purpose and value of being flexible and adapting work plans
- KU10.** how to complete tasks accurately by following standard procedures
- KU11.** technical resources needed for work and how to obtain and use these

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write in at least one language
- GS2.** read instructions, guidelines/procedures
- GS3.** ask for clarification and advice from appropriate persons
- GS4.** communicate orally with colleagues
- GS5.** make a decision on a suitable course of action appropriate for accurately completing the task within resources
- GS6.** agree objectives and work requirements
- GS7.** plan and organise work to achieve targets and deadlines
- GS8.** deliver consistent and reliable service to customers
- GS9.** check own work and ensure it meets customer requirements
- GS10.** anomalies to the concerned persons
- GS11.** analyse problems and identify work-arounds taking help from
- GS12.** apply own judgement to identify solutions in different situations

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Work requirements including various activities within the given time and set quality standards</i>	16	47	-	-
PC1. keep immediate work area clean and tidy	2	9	-	-
PC2. treat confidential information as per the organisations guidelines	2	6	-	-
PC3. work in line with organisations policies and procedures	3	8	-	-
PC4. work within the limits of job role	3	6	-	-
PC5. obtain guidance from appropriate people, where necessary	3	7	-	-
PC6. ensure work meets the agreed requirements	3	11	-	-
<i>Appropriate use of resources</i>	9	28	-	-
PC7. establish and agree on work requirements with appropriate people	3	9	-	-
PC8. manage time, materials and cost effectively	3	11	-	-
PC9. use resources in a responsible manner	3	8	-	-
NOS Total	25	75	-	-

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National Occupational Standards (NOS) Parameters

NOS Code	ASC/N0001
NOS Name	Plan and organise work to meet expected outcomes
Sector	Automotive
Sub-Sector	Manufacturing and R&D, Sales and Service, Road Transportation
Occupation	Auto Components /Aggregates Repair
NSQF Level	4
Credits	NA
Version	1.0
Last Reviewed Date	10/06/2013
Next Review Date	10/06/2015
NSQC Clearance Date	20/07/2015

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ASC/N0002: Work effectively in a team

Description

This NOS unit is about working effectively with colleagues, either in individuals own work group or in other work groups within organisation

Scope

This unit/task covers the following: Colleagues:

- Superiors
- Members of own work group
- People in other work groups within or outside the organisation Communicate:
- Face-to-face
- By telephone
- In writing

Elements and Performance Criteria

Effective communication

To be competent, the user/individual on the job must be able to:

- PC1.** maintain clear communication with colleagues
- PC2.** work with colleagues
- PC3.** pass on information to colleagues in line with organisational requirements
- PC4..** work in ways that show respect for colleagues
- PC5.** carry out commitments made to colleagues
- PC6.** let colleagues know in good time if cannot carry out commitments, explaining the reasons
- PC7.** identify problems in working with colleagues and take the initiative to solve these problems
- PC8.** follow the organisations policies and procedures for working with colleagues
- PC9.** ability to share resources with other members as per priority of tasks

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the organisations policies and procedures for working with colleagues, role and responsibilities in relation to this
- KU2.** the importance of effective communication and establishing good working relationships with colleagues
- KU3.** different methods of communication and the circumstances in which it is appropriate to use these
- KU4.** benefits of developing productive working relationships with colleagues
- KU5.** the importance of creating an environment of trust and mutual respect
- KU6.** whether not meeting commitments, will have implications on individuals and the organisation

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- KU7.** different types of information that colleagues might need and the importance of providing this information when it is required
- KU8.** the importance of problems, from colleagues perspective and how to provide support, where necessary, to resolve these

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** complete well written work with attention to detail
- GS2.** read instructions, guidelines/procedures
- GS3.** listen effectively and orally communicate information
- GS4.** make decisions on a suitable course of action or response
- GS5.** plan and organise work to achieve targets and deadlines
- GS6.** check that the work meets customer requirements
- GS7.** deliver consistent and reliable service to customers
- GS8.** apply problem solving approaches in different situations
- GS9.** apply balanced judgements to different situations
- GS10.** apply good attention to detail
- GS11.** check that the work is complete and free from errors
- GS12.** get work checked by peers
- GS13.** work effectively in a team environment

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Effective communication</i>	25	75	-	-
PC1. maintain clear communication with colleagues	4	10	-	-
PC2. work with colleagues	2	7	-	-
PC3. pass on information to colleagues in line with organisational requirements	3	8	-	-
PC4.. work in ways that show respect for colleagues	3	8	-	-
PC5. carry out commitments made to colleagues	2	8	-	-
PC6. let colleagues know in good time if cannot carry out commitments, explaining the reasons	2	8	-	-
PC7. identify problems in working with colleagues and take the initiative to solve these problems	4	9	-	-
PC8. follow the organisations policies and procedures for working with colleagues	3	9	-	-
PC9. ability to share resources with other members as per priority of tasks	2	8	-	-
NOS Total	25	75	-	-

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National Occupational Standards (NOS) Parameters

NOS Code	ASC/N0002
NOS Name	Work effectively in a team
Sector	Automotive
Sub-Sector	Manufacturing and R&D, Sales and Service, Road Transportation
Occupation	Maintenance
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	23/09/2013
Next Review Date	30/09/2015
NSQC Clearance Date	28/09/2015

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ASC/N0003: Maintain a healthy, safe and secure working environment

Description

This NOS unit is about monitoring the working environment and making sure it meets requirements for health, safety and security

Scope

This unit/task covers the following:

- Resources (both material & manpower) needed to maintain a safe working environment as per the prevalent norms & government policies including emergency procedures for illness, accidents, fires or any other reason which may involve evacuation of the premises

Elements and Performance Criteria

Resources needed to maintain a safe, secure working environment

To be competent, the user/individual on the job must be able to:

- PC1.** comply with organisations current health, safety and security policies and procedures
- PC2.** report any identified breaches in health, safety, and security policies and procedures to the designated person
- PC3..** Coordinate with other resources at the workplace to achieve the healthy, safe and secure environment for all incorporating all government norms esp. for emergency situations like fires, earthquakes etc.
- PC4.** identify and correct any hazards like illness, accidents, fires or any other natural calamity safely and within the limits of individuals authority
- PC5.** report any hazards outside the individuals authority to the relevant person in line with organisational procedures and warn other people who may be affected
- PC6.** follow organisations emergency procedures for accidents, fires or any other natural calamity
- PC7.** identify and recommend opportunities for improving health, safety, and security to the designated person
- PC8.** complete all health and safety records are updates and procedures well defined

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** legislative requirements and organisations procedures for health, safety and security and individuals role and responsibilities in relation to this
- KU2.** what is meant by a hazard, including the different types of health and safety hazards that can be found in the workplace
- KU3.** how and when to report hazards
- KU4.** the limits of responsibility for dealing with hazards

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- KU5.** the organisations emergency procedures for different emergency situations and the importance of following these
- KU6.** the importance of maintaining high standards of health, safety and security
- KU7.** implications that any non-compliance with health, safety and security may have on individuals and the organisation
- KU8.** different types of breaches in health, safety and security and how and when to report these
- KU9.** evacuation procedures for workers and visitors
- KU10.** how to summon medical assistance and the emergency services, where necessary
- KU11.** how to use the health, safety and accident reporting procedures and the importance of these

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** complete accurate, well written work with attention to detail
- GS2.** read instructions, guidelines/procedures/rules
- GS3.** listen and orally communicate information
- GS4.** make decisions on a suitable course of action or response
- GS5.** plan and organise work to achieve targets and deadlines
- GS6.** build and maintain positive and effective relationships with colleagues and customers
- GS7.** apply problem solving approaches in different situations
- GS8.** analyse data and activities
- GS9.** apply balanced judgements to different situations
- GS10.** apply good attention to detail
- GS11.** check that the work is complete and free from errors
- GS12.** get work checked by peers
- GS13.** work effectively in a team environment

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Resources needed to maintain a safe, secure working environment</i>	25	75	-	-
PC1. comply with organisations current health,safety and security policies and procedures	3	9	-	-
PC2. report any identified breaches in health,safety, and security policies and procedures to the designated person	3	10	-	-
PC3.. Coordinate with other resources at the workplace to achieve the healthy, safe and secure environment for all incorporating all government norms esp. for emergency situations like fires,earthquakes etc.	3	10	-	-
PC4. identify and correct any hazards like illness, accidents, fires or any other natural calamity safely and within the limits of individuals authority	5	10	-	-
PC5. report any hazards outside the individuals authority to the relevant person in line with organisational procedures and warn other people who may be affected	3	9	-	-
PC6. follow organisations emergency procedures for accidents, fires or any other natural calamity	3	10	-	-
PC7. identify and recommend opportunities for improving health,safety, and security to the designated person	3	8	-	-
PC8. complete all health and safety records are updates and procedures well defined	2	9	-	-
NOS Total	25	75	-	-

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National Occupational Standards (NOS) Parameters

NOS Code	ASC/N0003
NOS Name	Maintain a healthy, safe and secure working environment
Sector	Automotive
Sub-Sector	Manufacturing and R&D, Sales and Service, Road Transportation
Occupation	Auto Components/Aggregates Repair
NSQF Level	4
Credits	NA
Version	1.0
Last Reviewed Date	10/06/2013
Next Review Date	10/06/2015
NSQC Clearance Date	20/07/2015

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ASC/N1423: Assemble, overhaul and repair braking system

Description

This NOS unit is about an individual who assemble, repair and overhaul the braking system along with the routine maintenance of the components/ aggregates in the braking and allied systems of the vehicle.

Scope

This unit/task covers the following:

- assembling, repairing and overhauling the braking system
- maintenance of the components/ aggregates in the braking and allied systems

Elements and Performance Criteria

Overhaul & repair of the braking system

To be competent, the user/individual on the job must be able to:

- PC1..** understand the auto component manufacturer specifications related to the various components/ aggregates in the braking system
- PC2..** follow standard operating procedures for using workshop tools and equipment especially in the braking & allied system
- PC3. .** conduct test drives to assess need for repairs, calibration or any other adjustments in the braking or allied systems
- PC4..** inspect braking & allied systems for faults, need for adjustment worn or damaged components/ aggregates
- PC5..** test and overhaul braking system and components without causing damage to any other component or system
- PC6..** ensure any malfunctions observed in tools and equipment used in the braking systems are reported to the concerned persons
- PC7. .** inspect the brake drums and brake disc rotors prior to machining to determine the suitability for machining
- PC8. .** overhaul the braking system components as per the manual for various auto components/ OEM mandated guidelines using the mandated procedure, equipment and materials
- PC9. .** repair, remove, adjust and replace braking systems and associated components as per the approved guidelines
- PC10. .** attach the friction material as per the mandated methods of attachment, equipment used and within the given tolerances levels for the respective OEM vehicle
- PC11..** perform radius grinding of brake shoes to suit brake drum
- PC12..** machine brake drums and brake disc rotors
- PC13. .** assemble and fit the braking system and components without causing damage to any component or system. Carry out bleeding of the hydraulic brake system whenever required as per the manufacturers guidelines and check for no spongy feel .
- PC14. .** ensure any malfunctions or repair requirements observed in braking system (beyond own scope of work) are reported to the concerned person

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- PC15.** . ensure any other repair requirements observed in the other components/ aggregates systems (like engine, gear box etc.) while repairing/ overhauling of braking systems are reported to supervisor/ service advisor for further inspection by other specialists
- PC16.** . able to measure/ inspect the machining or any other repair done from an outside source/ local machining garages
- PC17.** . ensure that trainings organized by the OEM from time-to-time are attended and knowledge levels are upgraded (esp. in case of newly launched products, product refreshes)

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard operating procedures of the organisation/ dealership for inspection, maintenance and diagnosis of faults in the braking & allied systems to be followed
- KU2.** the standard operating procedures recommended by the dealership/ auto components suppliers/OEM for using tools and equipment to be followed related to braking system repair and maintenance as per manufacturer instruction
- KU3.** safety requirements for various equipment and auto components/ aggregates
- KU4.** documentation requirements for each procedure carried out as part of roles and responsibilities as specified by OEM/ auto component manufacturer
- KU5.** organisational and professional code of ethics and standards of practice
- KU6.** safety and health, environment policies and regulations for the workplace as well as for automotive trade in general (e.g. safe practices while working in pits/ under vehicles)
- KU7.** the basic technology used in the overall functioning of various types of braking & allied systems used in the OEM vehicles including: drum brakes disc brakes (using any of mechanical, hydraulic, pneumatic or electromagnetic technologies) air brakes anti-lock braking system including electronic brake force distribution (EBD), traction control system, emergency brake assist, or electronic stability control (ESC)
- KU8.** the overall functioning of braking and allied systems along with various related components/ aggregates: drum brakes (including braking plate, braking drum, wheel cylinder, brake shoe etc.) disc brakes (including brake callipers, pistons & cylinders, brake pads etc.) air brakes (air compressor, spring brake cylinder, park brake valve, air brake foot valve, relay valve, air dryer, four-way protection valve etc.)
- KU9.** how to test and overhaul various components/ aggregates in the braking system of the vehicle
- KU10.** the following braking systems overhaul procedures: types of materials and their application methods of fastening assembly and fitting procedures vehicle safety requirements relevant auto component manufacturer/OEM policies brake system test procedures lubricant and brake fluid types component measuring and test procedures hazards associated with brake dust
- KU11.** how to use following tools and equipment : hand tools power tools cutting equipment measuring equipment hydraulic tools lifting equipment brake bleeding equipment testing equipment (eg brake dyno) pipe bending and flaring equipment
- KU12.** the methods for: assembling systems installation of components testing systems
- KU13.** the instructions related to lubricants and greases used in the braking & allied systems as specified by the manufacturers for use

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Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** record and document the basic details of repairs, maintenance performed
- GS2.** record all diagnostics done on the braking & allied systems
- GS3.** write in at least one language
- GS4.** read work orders, specifications etc. related to the job
- GS5.** interact with the customers
- GS6.** interact with superiors and other support staff function
- GS7.** analyse information and evaluate results to choose the best solution and solve problems
- GS8.** analyse all options available regarding repair or replacement of the various aggregates/ components within the braking systems post diagnostic
- GS9.** plan work according to the required schedule and location
- GS10.** organise the schedule to complete the work on the vehicle timely in case other aggregate repairs/ maintenance work is also required to be done
- GS11.** ensure that customer requirements regarding the braking & allied systems are assessed and satisfactory service is provided
- GS12.** identify faults in the various components/ aggregates in the braking system and ensure that the necessary corrective action is performed in timely & cost effective manner
- GS13.** analyse available information and evaluate results to identify the best solution available for the particular fault in the braking system
- GS14.** use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to faults diagnosed in braking & allied systems

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Overhaul & repair of the braking system</i>	30	60	-	-
PC1.. understand the auto component manufacturer specifications related to the various components/ aggregates in the braking system	2	3	-	-
PC2.. follow standard operating procedures for using workshop tools and equipment especially in the braking & allied system	1	3	-	-
PC3. . conduct test drives to assess need for repairs, calibration or any other adjustments in the braking or allied systems	2	4	-	-
PC4.. inspect braking & allied systems for faults, need for adjustment worn or damaged components/ aggregates	2	4	-	-
PC5.. test and overhaul braking system and components without causing damage to any other component or system	2	4	-	-
PC6.. ensure any malfunctions observed in tools and equipment used in the braking systems are reported to the concerned persons	2	3	-	-
PC7. . inspect the brake drums and brake disc rotors prior to machining to determine the suitability for machining	2	4	-	-
PC8. . overhaul the braking system components as per the manual for various auto components/ OEM mandated guidelines using the mandated procedure, equipment and materials	2	5	-	-
PC9. . repair, remove, adjust and replace braking systems and associated components as per the approved guidelines	2	5	-	-
PC10. . attach the friction material as per the mandated methods of attachment, equipment used and within the given tolerances levels for the respective OEM vehicle	2	4	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. .. perform radius grinding of brake shoes to suit brake drum	2	4	-	-
PC12. .. machine brake drums and brake disc rotors	2	5	-	-
PC13. . assemble and fit the braking system and components without causing damage to any component or system. Carry out bleeding of the hydraulic brake system whenever required as per the manufacturers guidelines and check for no spongy feel .	2	3	-	-
PC14. . ensure any malfunctions or repair requirements observed in braking system (beyond own scope of work) are reported to the concerned person	2	3	-	-
PC15. . ensure any other repair requirements observed in the other components/ aggregates systems (like engine, gear box etc.) while repairing/ overhauling of braking systems are reported to supervisor/ service advisor for further inspection by other specialists	2	4	-	-
PC16. . able to measure/ inspect the machining or any other repair done from an outside source/ local machining garages	1	2	-	-
PC17. . ensure that trainings organized by the OEM from time-to-time are attended and knowledge levels are upgraded (esp. in case of newly launched products, product refreshes)	-	-	-	-
NOS Total	30	60	-	-

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National Occupational Standards (NOS) Parameters

NOS Code	ASC/N1423
NOS Name	Assemble, overhaul and repair braking system
Sector	Automotive
Sub-Sector	Automotive Vehicle Service
Occupation	Technical Service & Repair
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	01/08/2013
Next Review Date	01/08/2013
NSQC Clearance Date	

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Assessment Guidelines and Assessment Weightage

Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Element/ Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each Element/ PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.
6. To pass the Qualification Pack assessment, every trainee should score the Recommended Pass % aggregate for the QP.
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Recommended Pass % : 70

Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
ASC/N0001.Plan and organise work to meet expected outcomes	25	75	-	-	100	10
ASC/N0002.Work effectively in a team	25	75	-	-	100	15
ASC/N0003.Maintain a healthy,safe and secure working environment	25	75	-	-	100	15

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National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
ASC/N1423.Assemble, overhaul and repair braking system	30	60	-	-	90	60
Total	105	285	-	-	390	100

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training

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Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.

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Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.