

Model Curriculum

Tractor Operator

SECTOR: AGRICULTURE & ALLIED
SUB-SECTOR: AGRICULTURE CROP PRODUCTION
**OCCUPATION: FARM MACHINERY AND EQUIPMENT
OPERATION AND MAINTENANCE**
REF ID: AGR/Q1101, v1.0
NSQF LEVEL: 4



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

AGRICULTURE SKILL COUNCIL OF INDIA

for the


MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/ Qualification Pack: '**Tractor Operator**' QP No. '**AGR/ Q 1101 NSQF Level 4**'

Date of Issuance: March 15th, 2015

Valid up to: March 31st, 2019

* Valid up to the next review date of the Qualification Pack



Authorised Signatory
(Agriculture Skill Council of India)

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Tractor Operator

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Tractor Operator”, in the “Agriculture & Allied” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Tractor Operator		
Qualification Pack Name & Reference ID. ID	AGR/Q1101, v1.0		
Version No.	1.0	Version Update Date	
Pre-requisites to Training	10 th Standard Pass, Preferably		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Identify/familiarize with tools and equipments: Identification, selection and use of tools and equipments for various operations like ploughing, land levelling, sowing, intercultural operations, harvesting etc • Handle routine services of Tractor: checking of all the parts of the Tractor and set ready for the operation • Care and maintenance: check and set the standards, regular check, carry out minor repairs, maintain and store tools, equipments <p>Practice health & safety at the work place: Well versed with health and safety measures in terms of personal safety and others as well.</p>		

Grand Total Course Duration: **200 Hours, 0 Minutes**

(This syllabus/ curriculum has been approved by [Agriculture Skill Council of India](#))

Trainer Prerequisites for Job role: “Tractor Operator” mapped to Qualification Pack: “AGR/Q1101, v1.0”

Sr. No.	Area	Details
1	Description	Trainer is responsible for educating the trainees - basic repairs wherever feasible and is necessary and various agriculture activities as per the need.
2	Personal Attributes	Trainer should be Subject Matter Expert. He/ she should have leadership skills, good communication skills, observation skills
3	Minimum Educational Qualifications	Diploma
4a	Domain Certification	Certified for Job Role: <u>“Tractor Operator”</u> mapped to QP: <u>“AGR/Q1101, v1.0”</u> . Minimum accepted score is 80%.
4b	Platform Certification	Certified for the Job Role: “Trainer”, mapped to the Qualification Pack: “MEP/Q0102”. Minimum accepted score is 80%
5	Experience	<ul style="list-style-type: none"> • M Tech (Mechanical / Agriculture engineering) • B Tech (Mechanical / Agriculture engineering) • B Sc Agriculture with 1 year of relevant work experience and 2 years of total work experience • Diploma with 3 years of relevant work experience • Any Certificate course in Driver & Tractor Operator Training with 5 years of relevant work experience • Graduate with 3 years of relevant work experience

Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Tractor Operator
Qualification Pack	AGR/Q1101, v1.0
Sector Skill Council	Agriculture

Sr. No.	Guidelines for Assessment
1	Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each 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 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).
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
5	To pass the Qualification Pack , every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
6	In case of <i>unsuccessful completion</i> , the trainee may seek reassessment on the Qualification Pack.

PC10.Follow procedures for dealing with accidents, fires and emergencies, including communicating location and directions to emergency.			5	2	3
PC11.Follow emergency procedures to company standard / workplace requirements			5	2	3
PC12.Use emergency equipment in accordance with manufacturers' specifications and workplace requirements			5	3	2
PC13.Provide treatment appropriate to the patient's injuries in accordance with recognized first aid techniques			5	3	2
PC14.Recover (if practical), clean, inspect/test, refurbish, replace and store the first aid equipment as appropriate			6	3	3
PC15.Report details of first aid administered in accordance with workplace procedures.			4	2	2
			60	30	30
Total	300	300	150	150	
			<u>50%</u>	<u>50%</u>	
<u>Percentage Weightage:</u>					
<u>Minimum Pass% to qualify (aggregate):</u>				<u>70%</u>	