

**Occupational Profile  
Panel**

Mohammad Ishaq  
(Deputy Director,  
NAVTTTC)

Mr. Shahid Javaid  
Asst. Professor,  
Department of Poultry  
Production UVAS,  
Pattoki

Dr. Masood Haider  
Jaffery  
Poultry Consultant,  
PPA, Lahore

Dr. Muhammad Faisal  
Riaz  
Ph.D. Scholar, UVAS,  
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Ms. Urooj Khan  
Ph.D. Scholar, UVAS,  
Pattoki

Mr. Shaharyar Ali  
M.Phil. Scholar, UVAS,  
Pattoki

Mr. Mohammad Saeed  
Ahmad  
Agriculture Officer,  
UVAS, Pattoki

Mr. Muhammad Saleem  
Minhas Broiler Farmer,  
BKM Farms, Sialkot

Dr. Abdul Ghayas  
Asst. Farm Manager,  
Zubair Feeds,  
Sheikhupura

Dr. Abdul Samad  
Haidary  
Poultry Farm Manager  
Broiler Grand Parent  
Flock at Quality  
Breeders, Sargodha

Ms. Samia Amir Hamza  
M.Phil. Scholar, GCU  
Faisalabad

Mr. Ahmad Talal  
Chohan  
Poultry Farm Owner,  
Layyah

Mr. Faizan Nawaz

# Occupational Profile Chart of “Poultry Management” *Level-4*

*21<sup>th</sup> -25<sup>th</sup> Feb 2022*

*PITAC, Lahore, Pakistan*



**National Vocational & Technical  
Training Commission**

Qureshi  
Farm Supervisor, Poultry  
Research Institute,  
Rawalpindi

Raja Shahid Khan  
Veterinary Officer, Poultry  
Research Institute, Jabba  
Mansehra

Syed Fawad Ali  
Asst. Professor  
Sindh Agriculture University  
Tando Jam

**Occupational Profile  
Facilitator**

Saima Asghar (DACUM  
Facilitator), Lahore

## DUTIES and TASKS

Level 4 Assistant Supervisor			
A. Establish and Maintain the Occupational Health and Safety System			
<b>A1.</b> Carryout Risk assessment at workplace	<b>A2.</b> Follow emergency response protocol/procedure	<b>A3.</b> Perform safe storage and disposal of waste	<b>A4.</b> Maintain ergonomics condition at workplace
B. Perform Advance Communication			
<b>B1.</b> Demonstrate professional skills	<b>B2.</b> Plan and organize work	<b>B3.</b> Conduct professional activities ethically	
C. Manage Inventory at Site			
<b>C1.</b> Perform storage of feed/eggs	<b>C2.</b> Maintain record		
D. Perform Basic Farm and Hatchery Management			
<b>D1.</b> Carryout ventilation management	<b>D2.</b> Perform Basic Brooding Management	<b>D3.</b> Perform Basic Growing/Rearing Management	<b>D4.</b> Perform Basic Production Management
<b>D5.</b> Perform Culling Practices	<b>D6.</b> Handle dead birds		
E. Operate System Software/Control Panel			
<b>E1.</b> Maintain ventilation	<b>E2.</b> Operate feeding system	<b>E3.</b> Perform lighting control	<b>E4.</b> Perform hatchery operation
F. Perform Sample Collection			
<b>F1.</b> Perform blood sample	<b>F2.</b> Perform swab sample	<b>F3.</b> Perform organ sample	
G. Perform Troubleshooting			

<b>G1.</b> Perform trouble shooting of feeding system	<b>G2.</b> Perform troubleshooting of water system	<b>G3.</b> Perform troubleshooting of ventilation system	<b>G4.</b> Perform restoration of power supply
<b>H. Perform Basic Green Skills for Farm and Hatchery</b>			
<b>H1.</b> Manage sustainability of materials used at site	<b>H2.</b> Manage waste	<b>H3.</b> Prepare poultry compost	

### Additional Information for Poultry Management Level-4

<b>Worker traits</b> <ul style="list-style-type: none"> <li>• Devoted/motivated</li> <li>• Honest</li> <li>• Punctual</li> <li>• Knowledgeable</li> <li>• Friendly</li> <li>• Interpersonal skills</li> <li>• Creative</li> <li>• Hard worker</li> <li>• Team work</li> <li>• Collaborative</li> <li>• Confident</li> <li>• Competent</li> <li>• Innovative</li> <li>• Communicative Skills</li> </ul>	<b>Entry Requirements</b> <ul style="list-style-type: none"> <li>• Level-3</li> </ul> <b>Trainer</b> <ul style="list-style-type: none"> <li>• BS.(Hons) Poultry Science (2 years' experience)</li> <li>• DVM (2 years' experience)</li> </ul>	<b>Duration of training required</b> <ul style="list-style-type: none"> <li>• 12Months</li> </ul>	<b>Career paths</b> <ul style="list-style-type: none"> <li>• Assistant supervisor</li> <li>• Assistant Manager</li> </ul> <b>Future Trends</b> <ul style="list-style-type: none"> <li>• Increase need of poultry</li> <li>• Innovation in poultry industry</li> <li>• Bright chances of employment</li> <li>• Private and public poultry industry</li> <li>• Employment opportunities in abroad</li> </ul>
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Related knowledge	Tools
<ul style="list-style-type: none"> <li>• Inspection Techniques</li> <li>• International Quality Standards</li> <li>• Hydraulic machines</li> <li>• Working principle of crushing Plant (Automatic and Manual) type</li> <li>• Features, performance and output of the crushing plant.</li> <li>• Type and grade of aggregates.</li> <li>• Starting procedure, basic operations and monitoring systems.</li> <li>• Identification and correct usage of basic communication hand signals, safety &amp; emergency signs at project site.</li> <li>• Use the techniques of operational slow-downs and take timely remedial actions</li> <li>• Typical causes of equipment failures and the service conditions which may increase maintenance</li> <li>• Types and nature of maintenance (preventative, periodic, corrective) uses, benefits and limitations</li> <li>• Factors that may affect product quality or production output and appropriate remedies.</li> <li>• Plant layout drawings and its interpretation</li> <li>• Production process and requirements</li> <li>• Importance of plant design in production process</li> <li>• Principles of operation of the equipment to be maintained</li> <li>• Function and troubleshooting of major internal components and their problems</li> <li>• Appropriate testing procedures and use of equipment for a range of equipment faults</li> <li>• Urgency and timeliness factors in maintenance</li> <li>• Maintenance planning/scheduling/records systems</li> <li>• Identification of tools, materials and spare parts</li> <li>• Basic techniques for using and handling tools</li> <li>• Physical measurement, alignment and clearance principles.</li> <li>• Testing procedures</li> <li>• Importance of production schedules and its designing</li> <li>• Maintenance of machinery / plant</li> <li>• Calibration techniques</li> <li>• Underlying causes of faults</li> </ul>	<ul style="list-style-type: none"> <li>• PPEs</li> <li>• First aid box</li> <li>• Computer Systems</li> <li>• Scanner</li> <li>• Printer</li> <li>• Multimedia</li> <li>• Safety Blankets</li> <li>• Fire Buckets</li> <li>• Measuring Tape</li> <li>• Fire Extinguishers</li> <li>• First aid Kit</li> <li>• Multimeter</li> <li>• Heater</li> <li>• Bulb</li> <li>• Drinkers</li> <li>• Feeders</li> <li>• Shell grit box</li> <li>• Stamp</li> <li>• Spray pumps</li> <li>• Sanitizer</li> <li>• Disinfectors</li> <li>• Plastic crate</li> <li>• Eggs transport cart</li> <li>• Feed bins</li> <li>• Compressed air system</li> <li>• Emergency standby electric source</li> <li>• Wheel barrow</li> <li>• Racker</li> <li>• Fumigator</li> <li>• Broom</li> <li>• Wire Brush</li> <li>• Showers</li> <li>• Plastic Brush</li> <li>• Wiper</li> <li>• Weighing balance</li> <li>• Wire Mesh</li> <li>• Plastic sheets</li> <li>• Cleaning chemicals</li> <li>• Paint brush</li> <li>• Hose pipe</li> <li>• Rice husk</li> <li>• Spade</li> <li>• Dust bin</li> <li>• Air Velocity meter</li> <li>• Vaccine diluents</li> <li>• R.O plant</li> <li>• Water Plant Filters</li> <li>• Air Baffles</li> <li>• Shocking wire</li> <li>• Winch machines</li> <li>• Augor feeding system</li> </ul>