

# DAS Set-top Box Installer and Service Technician

**Aliases:** DAS Set-Top Box Installer and Service Technician

**Industry/Sector(s):** Electronics and HW

## JOB DESCRIPTION

The tasks a DAS Set-Top Box Installer and Service Technician is expected to perform include:

- Installing Set-top boxes at customers' premises
- Addressing the field serviceable complaints
- Coordinating with the technical team for activation of new connections
- Providing after sales service for Digital Addressable System (DAS) type

## WORK ENVIRONMENT

- It is not a desk job
- Work from home is not available
- Part-time work and contractual jobs are available in some cities
- Local travelling is part of this job role
- Need not handle a team

### Working hours

- Working is 9 hours everyday for 6 days a week
- Overtime is common
- Shift system may be applicable

### Is the job suitable for a candidate with special needs?

Maybe

## EDUCATIONAL QUALIFICATIONS AND TRAINING

- Minimum– Preferably 8<sup>th</sup> standard pass
- Certified training for DAS Set-top Box Installer and Service Technician (programme aligned to ELE/Q8102 released by Electronics Sector Skills Development Council)

## KEY COMPETENCIES

- Knowledge of basics of Digital TV signal distribution through HFC network including elements of fibre, coaxial chain and devices such as nodes, amplifier, taps, splitter, etc., from head ends to input point of consumer premises for DAS
- Familiarity with functions of the set top box and remote control
- Basic knowledge of input/output functions and block diagram of the set top box
- Knowledge of specifications of different kind of inputs available on TV sets such as RF, AV, RGB, VGA, USB and HDMI
- Knowledge of frequently occurring faults, causes and solutions
- Familiarity with the concepts of modulation, demodulation, encryption, decryption, decoding, signal ingress, cross modulation, tuning, amplifying, coupling, attenuation, equalisation, digitising, etc., and their purposes
- Knowledge of Quality of Service (QoS) and End of Line (EoL) parameters and optimum range as specified by IS13420

## DESIRABLE COMPETENCIES

- Parameters for digital signals, viz., MER, BER, C/N, CTV and CSO
- Safety precautions

## AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

- Technical institutes across India
- ITIs across India

## AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

<http://nscsindia.org/AboutUs.aspx>  
[http://www.nicitindia.org/s\\_t\\_c\\_dth.htm](http://www.nicitindia.org/s_t_c_dth.htm)

## SAMPLE OF TRAINING AND LEARNING COURSES

<http://www.sdct.goa.gov.in/Prospectus1314.pdf>  
<http://www.sankara.ac.in/polytechnic/Future.aspx?id1=6>

## CAREER PROGRESSION PATH

Helper → **DAS Set-Top Box Installer and Service Technician** → Supervisor

### Transfer option

•India: Yes

•Abroad: No

*(\*This field to open the relevant job title when clicked)*

## EXPECTED EARNINGS

•For freshers – ` 5,000 to ` 8,000 per month

•For candidates with experience - ` 9,000 to ` 15,000 per month

*(These figures are indicative and subject to change)*

## REQUIRED WORK EXPERIENCE

Two years as helper for 8th/9th standard passed

## PROBABLE EMPLOYERS

DTH Service Provider companies

## PEOPLE'S CORNER

Coming Soon

## KEYWORDS

- STB Installer
- STB Repair
- STB Service

## OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	7422.1203	DAS Set-top Box Installer and Service Technician
ISCO 2008	7421	Electronic Mechanics and Servicers
NIC 2008	95120	Repair of communication equipment
QP Reference	ELE/Q8102	DAS Set-top Box Installer and Service Technician
NSQF	4	NA

## REFERENCES

1	1 Qualification Pack – Web Developer
17	<a href="http://www.broadcastandcablesat.co.in/the-indian-broadcasting-industry-a-review.html">http://www.broadcastandcablesat.co.in/the-indian-broadcasting-industry-a-review.html</a>
19	<a href="http://www.censusindia.gov.in">www.censusindia.gov.in</a>
20	<a href="http://www.nsdcindia.org/sites/default/files/files/Electronics-IT-hardware.pdf">http://www.nsdcindia.org/sites/default/files/files/Electronics-IT-hardware.pdf</a>