



**SPECIFICATION - LEVEL 2 LEAD  
TRAFFIC MANAGEMENT  
OPERATIVE v1.1 (ST0985)**



## Introduction

The Lead Traffic Management Operative Level 2 apprenticeship develops the competence required to coordinate, install, maintain, and remove temporary traffic management systems in a variety of environments, including public highways, construction sites, and infrastructure projects. The role involves working to recognised industry standards and ensuring compliance with health, safety, and legal requirements, supporting the safe movement of road users and the protection of the workforce across a range of projects.

Key Information	
Name	Lead traffic management operative ST0985
Level	2
Duration	18 months on-programme, 3 months EPA window
Funding Band	£8000
Prerequisites and Entry Requirements	<p>Before final assessment of the qualification, the Learner must be employed in a relevant role, meet Gateway requirements before taking the End-Point Assessment. have completed a portfolio of evidence and, if applicable, have passed the required Functional Skills. The apprentice must complete training towards any other qualifications listed in the occupational standard.</p> <p>The qualification(s) required are: All of NHSS12AB, NHSS12C and NHSS12D at level 1, in addition to one of NHSS12AB, NHSS12C or NHSS12D at level 2.</p>
Methods of Assessment	There are three assessment methods, observation with questions, interview (Underpinned by a portfolio of evidence) and a multiple-choice test
Grading	Learners will be assessed across the three assessment components and awarded a grade of Fail, Pass, or Distinction. The overall result from each assessment method is combined to decide the overall grade of a Fail, Pass, Merit or Distinction. Grading criteria are outlined in the End-Point Assessment Plan and associated guidance documents.
Link to assessment plan	<a href="#">Lead traffic management operative / Skills England</a>

## End-Point Assessment Objective

The End-Point Assessment (EPA) confirms that the apprentice has achieved the required competence to work independently as a Lead Traffic Management Operative, demonstrating the ability to coordinate, install, maintain, and remove temporary traffic management systems safely, to industry standards, and in line with health, safety, and legal requirements across a range of work environments.

## Programme Structure

Throughout the programme, apprentices will gain practical skills and underpinning knowledge in a variety of settings. They will be employed in a relevant role for typically for 18 months, during which they will compile a portfolio of evidence with support from their assessor. The assessor will monitor progress against the standard to ensure the apprentice is fully prepared for the EPA.

## Available Support

Sample assessment materials for the observation with questions, interview and the multiple-choice test are available to approved training providers to support learner preparation and ensure consistency in delivery.

## KSB Mapping Table

Knowledge	Assessment Method
K1: Awareness of legislation and regulations: Health and Safety at Work Act, Provision and Use of Workplace Equipment (PUWER), Manual Handling Operations Regulations Working at Height (and from platforms), Lifting Operations and Lifting Equipment Regulations (LOLER), Control of Substances Hazardous to Health (COSHH) and COSHH-based assessments.	Multiple-choice test
K2: Safe systems of work: Static and dynamic risk assessments, production methods and requirements, method statements.	Observation with questions
K3: Awareness of regulatory and statutory requirements: National Highways Sector Schemes, Traffic Signs Manuals, New Roads and Street Works Acts, Industry Codes of Practice, permit-to-work systems.	Multiple-choice test
K4: Personal Protective Equipment (PPE): Requirements and use in TTM operations.	Interview underpinned by a portfolio of evidence
K5: TTM system installation planning and organisation techniques.	Observation with questions
K6: Risks and precautions when loading, unloading and securing TTM equipment and systems from and to TTM vehicles and plant.	Observation with questions
K7: Types of signals and verbal instructions (including radio use) required for the movement of vehicles and plant.	Interview underpinned by a portfolio of evidence
K8: Sources of information, guidance and interpretation methods: Designs, technical specifications and road traffic layouts.	Observation with questions
K9: TTM documentation requirements.	Observation with questions
K10: The methods and techniques for the installation, securing and removal of traffic management systems. How they support those with mobility and sensory issues.	Observation with questions
K11: The methods and techniques for the inspection, maintenance and repair of traffic management systems and equipment. Replacement procedures.	Interview underpinned by a portfolio of evidence
K12: TTM equipment and systems: Types, purpose and preparation.	Observation with questions
K13: Characteristics and features of road types, categories and layouts.	Multiple-choice test
K14: Range, purpose, characteristics and features of vehicles, plant and equipment: Specially adapted lorries and vans, impact protection vehicles (IPVs), their barrier systems, and usage.	Multiple-choice test
K15: TTM vehicles and plant: Operation, operator checking, maintenance, minor repair and fault or defect escalation techniques.	Interview underpinned by a portfolio of evidence

K16: TTM signage: Types, colours, shapes, design layouts, positioning, scale and proportion.	Multiple-choice test
K17: Statutory controls implemented by permanent road signs and road markings, and requirements for temporary traffic orders or permits for specific equipment and systems.	Multiple-choice test
K18: Incident management protocols for operations adjacent to live traffic on highway networks.	Interview underpinned by a portfolio of evidence
K19: Incident response techniques: Emergencies, traffic accidents and persons in crisis.	Interview underpinned by a portfolio of evidence
K20: Verbal communication techniques and TTM terminology.	Interview underpinned by a portfolio of evidence
K21: Digital and real-time technologies and application in the TTM industry: How these can be used to improve TTM operations, sustainability, record and report defects in real time, and prevent and reduce injuries and fatalities.	Multiple-choice test
K22: The purpose of General Data Protection Regulation (GDPR) and its use to protect personal and commercial data.	Multiple-choice test
K23: Environmental and sustainability regulations. Efficient use of resources, recycling, reuse, surface water contamination and safe disposal of waste. TTM impacts on the wider environment.	Interview underpinned by a portfolio of evidence
K24: The wider construction sector, where the lead traffic management operative role fits and who they interact with.	Multiple-choice test
K25: Principles of team working.	Interview underpinned by a portfolio of evidence
K26: The impact of mental health issues on the construction industry. Signs and symptoms of mental health issues, tools and techniques to improve mental health and support others.	Interview underpinned by a portfolio of evidence
K27: Manual and mechanical lifting and moving techniques.	Observation with questions
<b>Skill</b>	<b>Assessment Method</b>
S1: Comply with health and safety regulations.	Observation with questions
S2: Follows safe systems of work including carrying out static and dynamic risk assessments.	Observation with questions
S3: Carry out operator maintenance and minor repair, checks and configuration requirements to TTM vehicles within limits of responsibility, escalating defects. For example: impact protection vehicle (IPV), traffic management installation vehicle, traffic management maintenance vehicle, traffic management airlock or closure point vehicle or traffic management convoy vehicle.	Interview underpinned by a portfolio of evidence
S4: Carry out operator maintenance and minor repair, checks and configuration requirements to TTM plant within limits of responsibility, escalating defects. For example: mobile lane closure signs & trailers, temporary traffic light units, ROBO stop and go signs, portable variable message signs or portable tower lights.	Interview underpinned by a portfolio of evidence
S5: Move, handle and store TTM equipment and systems.	Observation with questions

S6: Load, unload and secure TTM equipment and systems to and from vehicles or plant.	Interview underpinned by a portfolio of evidence
S7: Select and use TTM PPE.	Observation with questions
S8: Interpret traffic management layouts, design and technical specifications.	Observation with questions
S9: Select and prepare TTM equipment and systems.	Observation with questions
S10: Plan for and organise installation.	Observation with questions
S11: Inspect, maintain, repair and replace TTM equipment and systems.	Interview underpinned by a portfolio of evidence
S12: Operate and guide plant and vehicles to create safe working zones within limits of responsibility.	Interview underpinned by a portfolio of evidence
S13: Install, position, secure and remove TTM equipment and systems tailored to the road type, without disadvantaging those with mobility and sensory impairment.	Observation with questions
S14: Apply digital TTM technologies to a TTM system. For example, incursion warning systems, automated traffic signal controls, variable message signs or tablet-based work management systems.	Observation with questions
S15: Respond to and contain emergencies including traffic accidents and vulnerable persons in crisis and seek support of formal responders.	Interview underpinned by a portfolio of evidence
S16: Restore the carriageway to a safe condition.	Observation with questions
S17: Comply with environmental and sustainability regulations, standards and guidance. Segregate resources for reuse, recycling and disposal.	Interview underpinned by a portfolio of evidence
S18: Communicate with others verbally: internal and external customers, colleagues and managers.	Interview underpinned by a portfolio of evidence
S19: Complete task documentation, paper-based or digital.	Observation with questions
S20: Applies team working principles.	Interview underpinned by a portfolio of evidence
<b>Behaviours</b>	<b>Assessment Method</b>
B1: Prioritise health and safety.	Observation with questions
B2: Committed to continued professional development (CPD) to maintain and enhance competence in their own area of practice.	Interview underpinned by a portfolio of evidence
B3: Support an equal, diverse and inclusive culture.	Interview underpinned by a portfolio of evidence
B4: Takes responsibility for own work.	Observation with questions