

ENGINEER EQUIPMENT MECHANIC NCO

Concept Card Report

ANNEX B - ELECTRICAL

LESSON ID: NCOM - B01

HOURS: 62.00

TYPE: Task Oriented

CATEGORY: Training

TITLE: Electrical systems

PHASE:

GROUP

METHOD	HOURS	S:I RATIO
D	2.00	25 : 1
L	20.00	25 : 1
PA	38.00	25 : 2
Q	2.00	25 : 1

MEDIA: AIO, CPU, DB, HO, PPT, SCH, TM

TERMINAL LEARNING OBJECTIVE(S)

- 1 . Provided a service request, malfunctioning electrical system, appropriate tools, and references. Conduct advanced repair to equipment electrical system To restore system to proper function. (1341-MANT-2002)

ENABLING LEARNING OBJECTIVE(S)

- 1 . Without the aid of reference, identify electrical systems theory of operation per the FOS2007NC. (1341-MANT-2002a)
- 2 . Provided an electrical schematic, an electrical training board, and references, identify electrical components per the Hampden-Bulletin 285-EX Ed. 2d. (1341-MANT-2002b)
- 3 . Provided an electrical training board, and reference, complete a circuit per the Hampden-Bulletin 285-EX Ed. (1341-MANT-2002c)
- 4 . Provided an item of engineer equipment, with an electrical malfunction, (TMDE), and references,



Date: 20140512

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correct the malfunction per the TM 11412A-OI/1, TM 11412A-OI, TM 10996A-OI/A, TM 10794B-OI/A. (1341-MANT-2002d)

NOTE(S):

REFERENCE - TITLE

PUBLICATION ID

CHAPTER/PAGE

624 Loader Repair

TM-11412A-OI/1

624KR Loader Operation and Test

TM 11412A-OI

Backhoe Loader Caterpillar Model 420D IT

TM-10996A-OI/A

Electronic and Electrical Systems

FOS2007NC

FORKLIFT, EXTENDABLE BOOM (EBFL)

TM 10794B-OI/A

Fundamentals of Electricity and Electronics

Bulletin 285-EX Ed. 2d



ENGINEER EQUIPMENT MECHANIC NCO

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ANNEX I - EXAMS

LESSON ID: NCOM - B01X(P)

HOURS: 7.00

TYPE: Exam

CATEGORY: Training

TITLE: Electrical systems

PHASE:

GROUP

METHOD	HOURS	S:I RATIO
X(P)	7.00	25 : 2

MEDIA: AIO, CPU, HO, PEC, TM

TERMINAL LEARNING OBJECTIVE(S)

- 1 . Provided a service request, malfunctioning electrical system, appropriate tools, and references. Conduct advanced repair to equipment electrical system To restore system to proper function. (1341-MANT-2002)

ENABLING LEARNING OBJECTIVE(S)

- 1 . Provided an electrical schematic, an electrical training board, and references, identify electrical components per the Hampden-Bulletin 285-EX Ed. 2d. (1341-MANT-2002b)
- 2 . Provided an electrical training board, and reference, complete a circuit per the Hampden-Bulletin 285-EX Ed. (1341-MANT-2002c)
- 3 . Provided an item of engineer equipment, with an electrical malfunction, (TMDE), and references, correct the malfunction per the TM 11412A-OI/1, TM 11412A-OI, TM 10996A-OI/A, TM 10794B-OI/A. (1341-MANT-2002d)

NOTE(S):

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ENGINEER EQUIPMENT MECHANIC NCO

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ANNEX I - EXAMS

LESSON ID: NCOM - B01X(P)

HOURS: 7.00

TYPE: Exam

CATEGORY: Training

TITLE: Electrical systems

PHASE:

GROUP

624 Loader Repair	TM-11412A-OI/1
624KR Loader Operation and Test	TM 11412A-OI
Backhoe Loader, Caterpillar Model 420E IT	TM 10996B-OI/1
FORKLIFT, EXTENDABLE BOOM (EBFL)	TM 10794B-OI/A



ENGINEER EQUIPMENT MECHANIC NCO

Concept Card Report

ANNEX I - EXAMS

LESSON ID: NCOM - B01X(W)

HOURS: 1.00

TYPE: Exam

CATEGORY: Training

TITLE: Electrical systems

PHASE:

GROUP

METHOD	HOURS	S:I RATIO
X(W)	1.00	25 : 1

MEDIA: TSTBK

TERMINAL LEARNING OBJECTIVE(S)

- 1 . Provided a service request, malfunctioning electrical system, appropriate tools, and references. Conduct advanced repair to equipment electrical system To restore system to proper function. (1341-MANT-2002)

ENABLING LEARNING OBJECTIVE(S)

- 1 . Without the aid of reference, identify electrical systems theory of operation per the FOS2007NC. (1341-MANT-2002a)

NOTE(S):

REFERENCE - TITLE

Electronic and Electrical Systems

PUBLICATION ID

FOS2007NC

CHAPTER/PAGE

