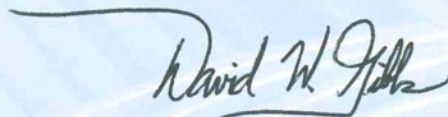


Yousef Abu Al Shawareb

Has successfully completed the training and examination requirements under the Fluke Networks CCTT Program and is hereby recognized as a

CCTT Authorized Training Partner

For In-Channel Copper + Loss/Length (Tier 1) Fiber Certification
with the DTX Series Cable Analyzer



David W. Gibbs
Fluke Networks CCTT Program Manager

Date 05.15.2009

Fluke Control # 1090515AE

Expires 05.15.2011

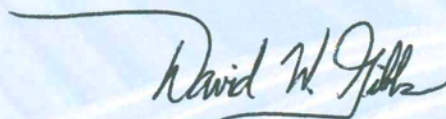
BICSI CEC Credits 7

Yousef Abu Al Shawareb

Has successfully completed the training and examination requirements under the Fluke Networks CCTT Program and is hereby recognized as a

Certified Cabling Test Technician

For In-Channel Copper + Loss/Length (Tier 1) Fiber Certification
with the DTX Series Cable Analyzer



David W. Gibbs
Fluke Networks CCTT Program Manager

Date 05.15.2009

Fluke Control # 1090515AE

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BiCSI CEC Credits 7