12 de diciembre, 2025

Tecnesya

NIT. 901247907-4

INFORME DE MANTENIMIENTO Y CALIBRACIÓN

Este informe ilustra el proceso de mantenimiento y calibración de los equipos relacionados al contrato CO1.PCCNTR.8659866 prestado al Centro Industrial de Mantenimiento y Manufactura del Servicio Nacional de Aprendizaje SENA – Regional Boyacá.

Equipos intervenidos:

1. **Fusionadora de fibra óptica FITEL S178**

Se realizar mantenimiento, ajuste y calibración de la máquina fusionadora para obtener una calibración precisa y conforme, así como sus accesorios.



Fusionadora en mantenimiento

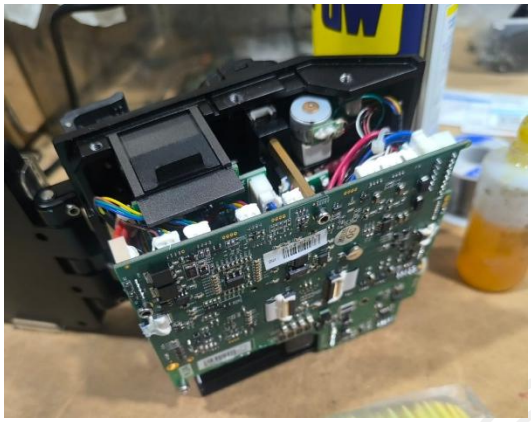


Fusionadora calibrada

12 de diciembre, 2025

2. Fusionadora Promax Prolite 41

Se realizar mantenimiento, ajuste y calibración de la máquina fusionadora para obtener una calibración precisa y conforme, así como sus accesorios.



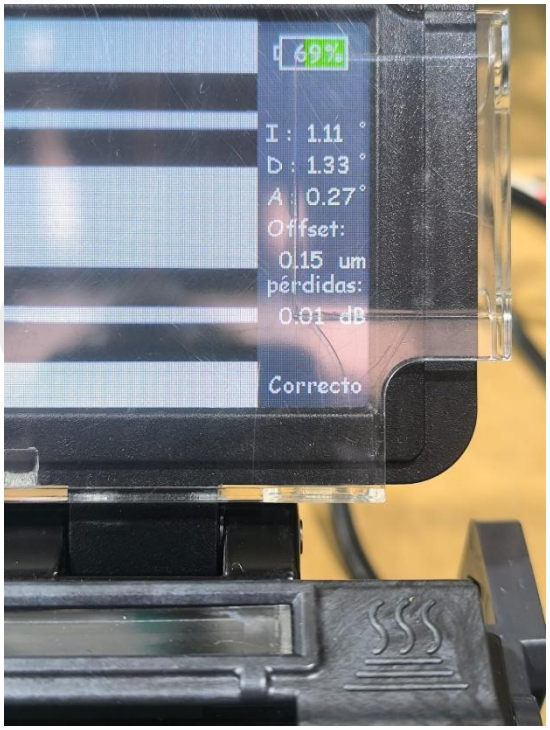
Fusionadora en mantenimiento 1



Fusionadora en mantenimiento 2



Fusionadora calibrada 1

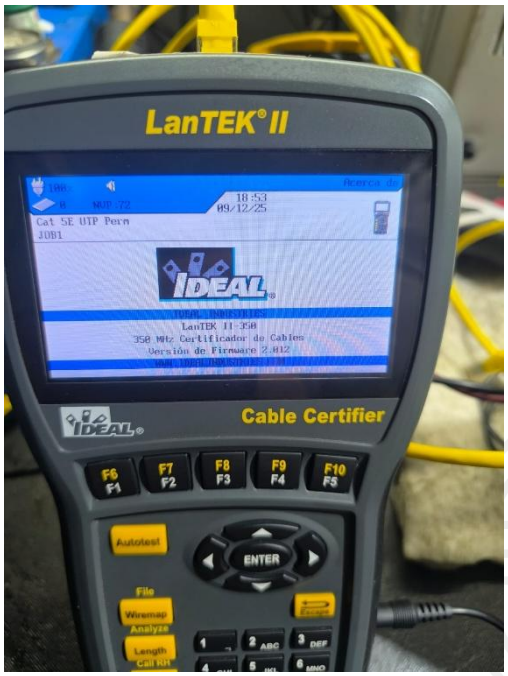


Fusionadora calibrada 2

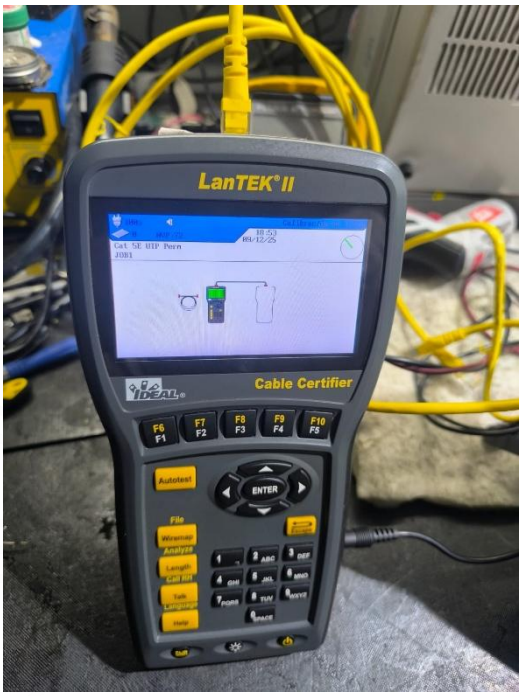
12 de diciembre, 2025

3. Certificador Lantek 350

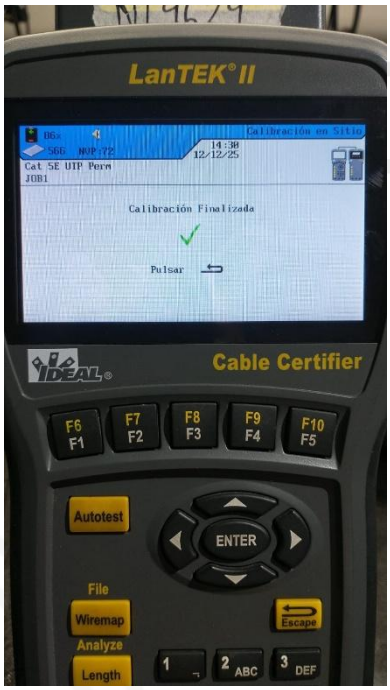
Se realizar mantenimiento, ajuste y calibración del certificador y su respectivo módulo receptor.



Mantenimiento Lantek 1



Mantenimiento Lantek 2



Calibración Lantek 350 1



Calibración Lantek 350 2

12 de diciembre, 2025

1. Certificador Lantek 1000

Se realizar mantenimiento, ajuste y calibración del certificador y su respectivo módulo receptor.



Calibración Lantek 1000 1



Calibración Lantek 1000 2

Este documento se presenta y firma a los 12 días del mes de diciembre de 2025.

Cordialmente,

Camilo Jiménez

CEO Tecnesya Colombia.
gerencia@tecnesya.com
www.tecnesya.com

RF labs

Performance Test Record

FITEL Empalmadora FO S178

Serial Number _____95148225_____ NT_____9634_____

Test Performed By _____WRomero_____ Temperature_____22,3 °C_____

Date _____ 12 - 12 – 2025_____ Relative Humidity_____56 %_____

Notes_____

Controls, Indicators, and Buttons

DISPLAY LCD TOUCH	PASS	***OK***
KEYBOARD	PASS	***OK***
HEAT CHAMBER	PASS	***OK***
POWER	PASS	***OK***
CHG BATT	PASS	***OK***

Functions General mechanics

V Grooves	PASS	***OK***
Ilumination lamp	PASS	***OK***
Head A aligment	PASS	***OK***
Head B aligment	PASS	***OK***
Power source	PASS	***OK***
Splice time	PASS	***OK***
Tension test	PASS	***OK***
Measurement Mode Configuration	PASS	***OK***
Splice loss Test 01	0.10 dB	***OK***
Splice loss Test 02	0.02 dB	***OK***
Splice loss Test 02	0.05 dB	***OK***
USB Port	PASS	***OK***

Q.A. _____ **Date ____Diciembre 12 de 2025_____**

RF labs

Performance Test Record

PROMAX Empalmadora Prolite

Serial Number _____951416084_____ NT_____9633_____

Test Performed By _____WRomero_____ Temperature_____22,1 °C_____

Date _____ 12 - 12 – 2025_____ Relative Humidity_____55 %_____

Notes_____

Controls, Indicators, and Buttons

DISPLAY LCD TOUCH	PASS	***OK***
KEYBOARD	PASS	***OK***
HEAT CHAMBER	PASS	***OK***
POWER	PASS	***OK***
CHG BATT	PASS	***OK***

Functions General mechanics

V Grooves	PASS	***OK***
Ilumination lamp	PASS	***OK***
Head A aligment	PASS	***OK***
Head B aligment	PASS	***OK***
Power source	PASS	***OK***
Splice time	PASS	***OK***
Tension test	PASS	***OK***
Measurement Mode Configuration	PASS	***OK***
Splice loss Test 01	0.03 dB	***OK***
Splice loss Test 02	0.02 dB	***OK***
Splice loss Test 02	0.02 dB	***OK***
USB Port	PASS	***OK***

Q.A. _____ **Date ____Diciembre 12 de 2025_____**

RF labs

Performance Test Record

CABLE CERTIFIER IDEAL LANTEK II - 350

Serial Number ___1502429/1502461_____ NT_____9631 / 9632_____

Test Performed By ____L SANABRIA__|_____ Temperature_____20,3 °C_____

Date _____12 – 12 - 2025_____ Relative Humidity____52 %_____

Notes_____

UNIT MASTER TESTER (DH)

S/N 1502429

Tester Front Panel Features	
Basic Features	**RESULT**
TFT display with backlight	**PASS** ✓
Starts the currently selected test	**PASS** ✓
Saves Autotest results in memory	**PASS** ✓
switch selects the tester's modes	**PASS** ✓
On/off key	**PASS** ✓
Press to use the headset TALK/LENGTH/WIRE MAP	**PASS** ✓
switch the backlight	**PASS** ✓
Arrow keys for navigating	**PASS** ✓
Enter key selects the highlighted item	**PASS** ✓
Battery Charging	**PASS** ✓
Field Calibration	**PASS** ✓

UNIT REMOTE (RH)

S/N 1502461

Test Front Panel Features	
Basic Features	**RESULT**
Connector for twisted pair interface adapters	**PASS** ✓
Starts the currently selected test / lcd Display	**PASS** ✓
Fail LED lights when a test fails / On	**PASS** ✓
Talk LED lights when the pass remote	**PASS** ✓
Tone LED lights and the Hazard	**PASS** ✓
Low battery % lights when the battery is low	**PASS** ✓
Starts the test currently selected on the main unit	**PASS** ✓
Press to use the headset TALK /CALL	**PASS** ✓

SELF TEST CONNECTIONS FOR TWISTED PAIR ADAPTERS

PERFORMANCE TEST CERTIFYING TWISTED PAIR CABLING CAT 5E	
test Analyzer	**RESULT**
Checking the Battery Status	**PASS** ✓
Verifying Operation with Twisted Pair Adapters	**PASS** ✓
the self test	**PASS** ✓
Map og wiring	**PASS** ✓
Length test	**PASS** ✓
Time Spread	**PASS** ✓
Attenuation	**PASS** ✓
Return loss	**PASS** ✓
Press to use the headset TALK	**PASS** ✓

PERFORMANCE TEST CERTIFYING TWISTED PAIR CABLING CAT 6A	
test Analyzer	**RESULT**
Checking the Battery Status	**PASS** ✓
Verifying Operation with Twisted Pair Adapters	**PASS** ✓
the self test / calibration	**PASS** ✓
Map on wiring	**PASS** ✓
Length test	**PASS** ✓
Time Spread	**PASS** ✓
Attenuation	**PASS** ✓
Return loss	**PASS** ✓
Press to use the headset TALK/CALL	**PASS** ✓

Q.A. _____ **Date** 12/12/2025

RF labs

Performance Test Record

CABLE CERTIFIER IDEAL LANTEK II - 1000

Serial Number ___95149319/95149320____ NT_____9629 / 9630_____

Test Performed By ____L SANABRIA__|_____ Temperature_____20,9 °C_____

Date _____12 – 12 - 2025_____ Relative Humidity____53 %_____

Notes_____

UNIT MASTER TESTER (DH)

S/N 95149319

Tester Front Panel Features	
Basic Features	**RESULT**
TFT display with backlight	**PASS** ✓
Starts the currently selected test	**PASS** ✓
Saves Autotest results in memory	**PASS** ✓
switch selects the tester's modes	**PASS** ✓
On/off key	**PASS** ✓
Press to use the headset TALK/LENGTH/WIRE MAP	**PASS** ✓
switch the backlight	**PASS** ✓
Arrow keys for navigating	**PASS** ✓
Enter key selects the highlighted item	**PASS** ✓
Battery Charging	**PASS** ✓
Field Calibration	**PASS** ✓

UNIT REMOTE (RH)

S/N 95149320

Test Front Panel Features	
Basic Features	**RESULT**
Connector for twisted pair interface adapters	**PASS** ✓
Starts the currently selected test / lcd Display	**PASS** ✓
Fail LED lights when a test fails / On	**PASS** ✓
Talk LED lights when the pass remote	**PASS** ✓
Tone LED lights and the Hazard	**PASS** ✓
Low battery % lights when the battery is low	**PASS** ✓
Starts the test currently selected on the main unit	**PASS** ✓
Press to use the headset TALK /CALL	**PASS** ✓

SELF TEST CONNECTIONS FOR TWISTED PAIR ADAPTERS

PERFORMANCE TEST CERTIFYING TWISTED PAIR CABLING CAT 5E	
test Analyzer	**RESULT**
Checking the Battery Status	**PASS** ✓
Verifying Operation with Twisted Pair Adapters	**PASS** ✓
the self test	**PASS** ✓
Map og wiring	**PASS** ✓
Length test	**PASS** ✓
Time Spread	**PASS** ✓
Attenuation	**PASS** ✓
Return loss	**PASS** ✓
Press to use the headset TALK	**PASS** ✓

PERFORMANCE TEST CERTIFYING TWISTED PAIR CABLING CAT 6A	
test Analyzer	**RESULT**
Checking the Battery Status	**PASS** ✓
Verifying Operation with Twisted Pair Adapters	**PASS** ✓
the self test / calibration	**PASS** ✓
Map on wiring	**PASS** ✓
Length test	**PASS** ✓
Time Spread	**PASS** ✓
Attenuation	**PASS** ✓
Return loss	**PASS** ✓
Press to use the headset TALK/CALL	**PASS** ✓

Q.A. _____ **Date** 12/12/2025