

MANUAL VISUAL INSPECTION BOOTHS

SLIDE DECK

01.

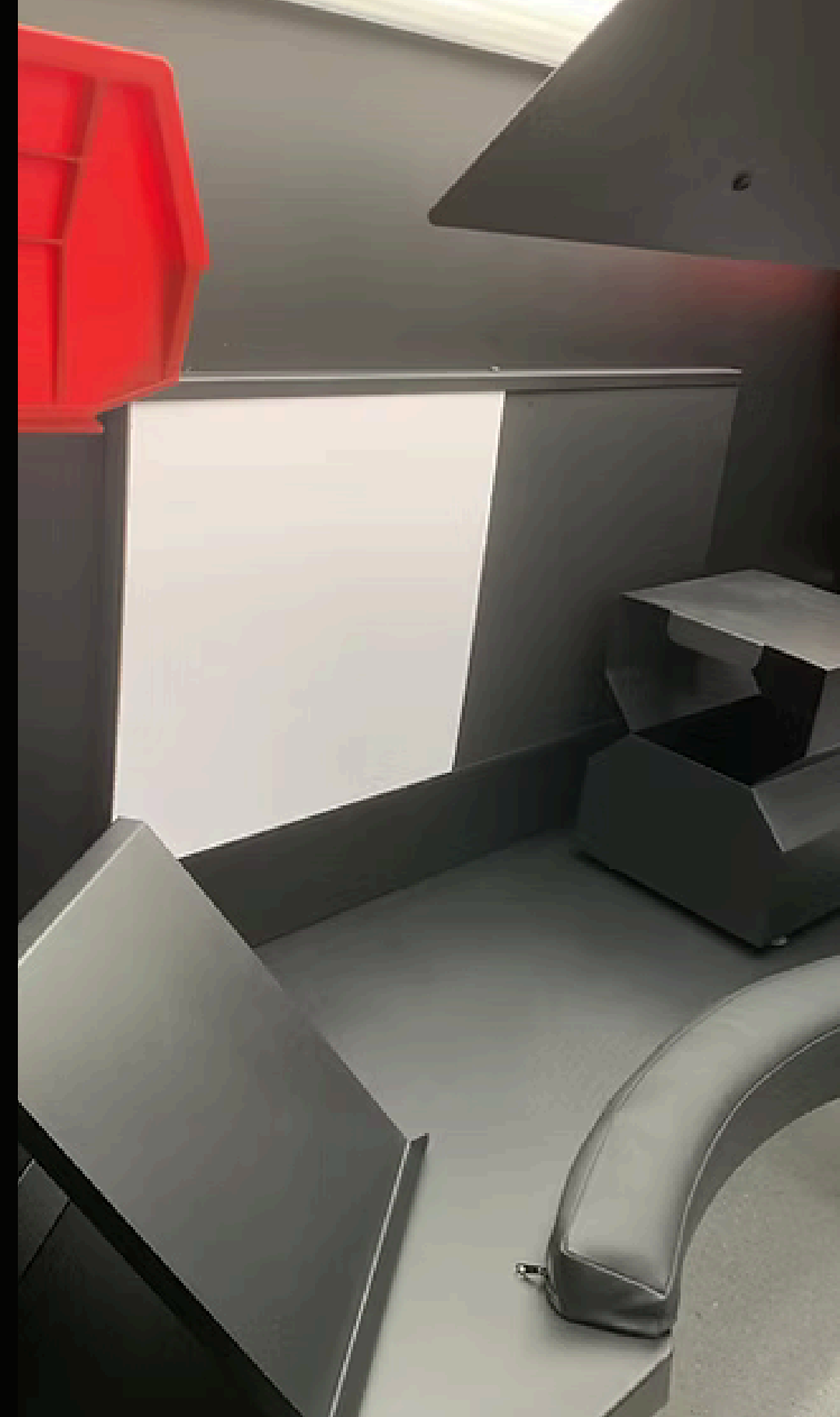




ABOUT US

Scarab DFM (Pty) Ltd is a proudly South African company specialising in the design and manufacture of precision-engineered manual visual inspection booths and metal fabrication solutions. With a reputation for quality craftsmanship and innovative engineering, we serve a diverse range of industries — from pharmaceutical and medical device manufacturing to food and beverage production — helping clients maintain world-class quality standards.

Driven by a passion for excellence, Scarab DFM combines advanced design capabilities with local manufacturing expertise to deliver customised solutions that meet exact client specifications. From concept to completion, we deliver equipment built for accuracy, efficiency, and operator comfort. Our customised solutions empower businesses to streamline workflows, meet strict compliance requirements, and achieve consistent inspection excellence.



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MANUAL VISUAL INSPECTION BOOTHS

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QUALITY BOOTH



■ A manual visual inspection booth is a controlled workspace designed to help operators inspect products by eye under optimal lighting and environmental conditions.

■ By eliminating shadows, glare, and visual distractions, these booths create the ideal setting for detecting surface defects, contamination, or irregularities that might otherwise be missed.

■ scarab™ Manual Visual Inspection Booths are engineered for precision, comfort, and efficiency—ensuring that every product is checked to the highest quality standards before it reaches your customer.

■ Scarab™ Manual Visual Inspection Booths are fully customisable by range, size, seating arrangement and configuration.



BOOTH RANGES



EAGLE

Our most advanced booth, with full lux control, programmable light scenes, integrated timers, failure alerts, and complete TalonCore compatibility.



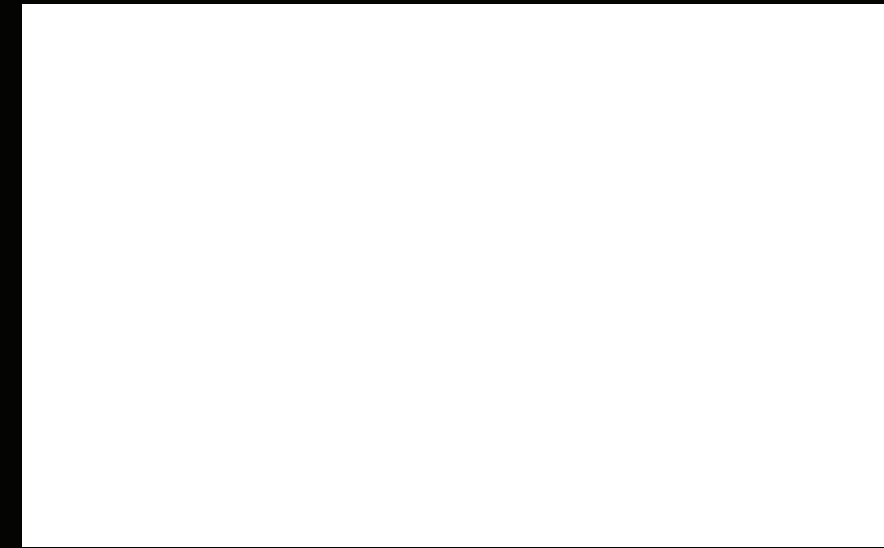
FALCON

A premium booth offering full lux control and TalonCore compatibility, but without the Eagle's integrated timers and alert functions.



BUZZARD

A versatile booth with four fully customisable lux settings up to 10,000 Lux, delivering high performance without system integration.



BOOTH RANGES



KESTREL

A balanced mid-range booth with three fully customisable lux settings up to 6,000 Lux, ideal for practical inspection needs.



HAWK

A dependable booth with two fully customisable lux settings up to 3,500 Lux, offering reliable performance at a cost-effective level.



HOBBY

The entry-level booth with one lux setting up to 2,500 Lux, designed for simple, effective, and budget-friendly inspections.





BOOTH SIZES

■ 1600

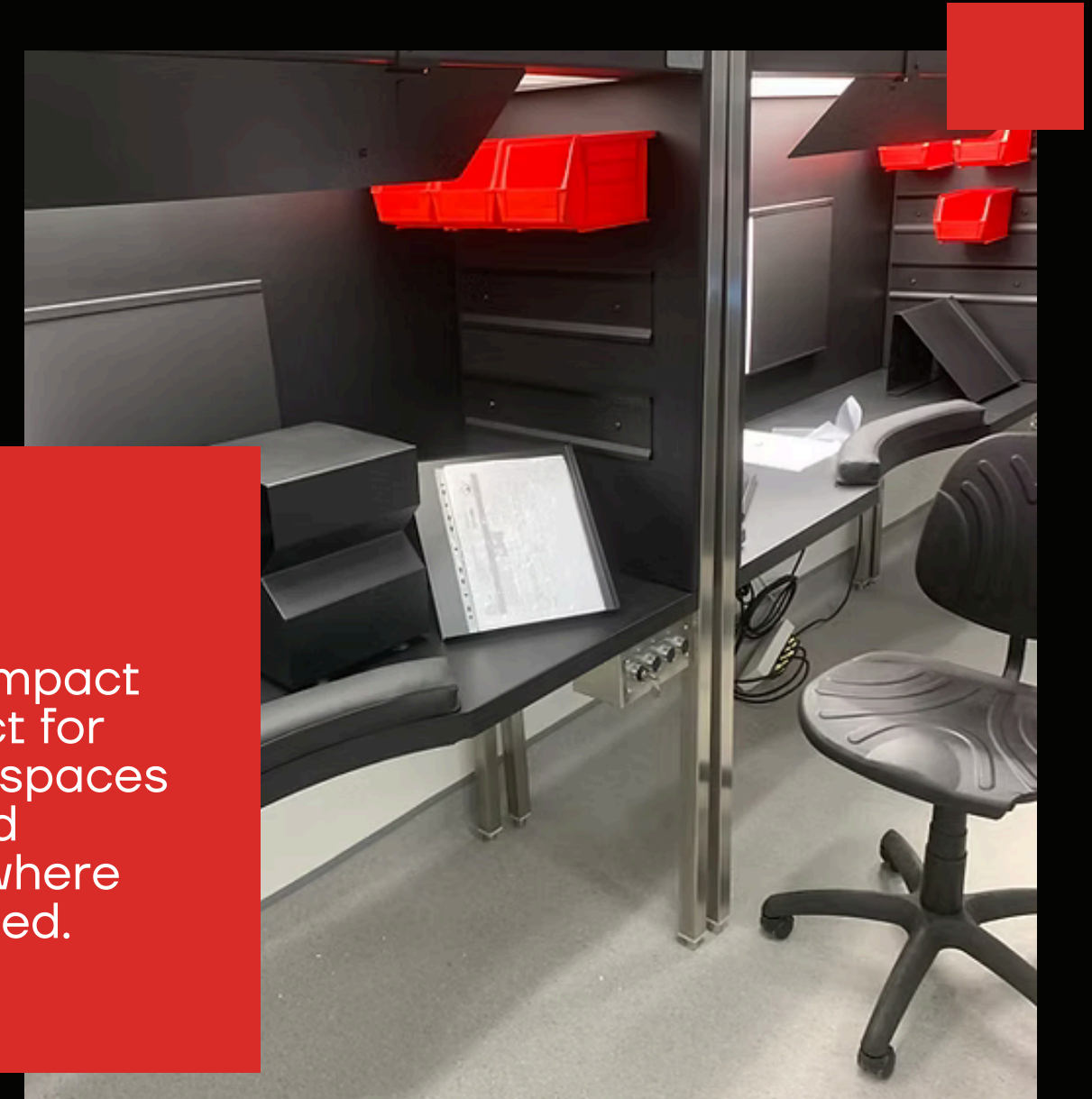
The largest booth, offering maximum workspace for high-volume or large-format inspections.

■ 1200

The mid-sized booth, providing the ideal balance of space efficiency and versatility for standard inspections.

■ 600

The most compact booth, perfect for smaller workspaces or specialized inspections where space is limited.





BOOTH HEIGHTS

■ ELEVATE

Designed for ergonomic comfort with height-adjustable working surfaces and lighting.

■ PRECISION

Focused on high-spec inspections with fixed, ultra-stable working height for maximum accuracy.

■ ADAPT

Built for flexibility, allowing booths to be placed on existing work surfaces for the widest range of uses.





TALON CORE

**Complete Lighting Management and
Data Tracking System**



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Scarab's Talon Core system is designed to meet and exceed the requirements of both 21 CFR Part 11 and EU Annex 11, offering a single platform for global compliance.

With secure authentication, validated processes, robust data protection, and tamper-proof audit trails, Talon Core ensures that every record is accurate, complete, and fully traceable.

Whether operating in the U.S., Europe, or beyond, our clients can rely on Talon Core to maintain compliance, streamline audits, and safeguard product quality—delivering peace of mind in even the most demanding regulatory environments.



GLOBAL COMPLIANCE



21 CFR Part 11
Compliance Compatible



EU Annex 11
Compliance Compatible

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System Validation:

Software and system is validatable to ensure accuracy, reliability, and consistent performance.

Audit Trails:

Data is secure, computer-generated and time-stamped recording creation, modification, or deletion of records.

Record Retention & Retrieval:

Electronic records are stored securely, protected against loss/alteration, and retrievable for inspection.

Centralised Control:

Booths able to controlled, monitored and adjusted through a central management system.

Access Controls & Security:

Unique user IDs, password protection, and role-based access to ensure only authorized individuals can use the system.

Operational Controls:

Measures such as checks for data accuracy, authority checks, and device checks to ensure correct input/output.

Change Control & Documentation:

System updates, configurations, and changes are documented and controlled.



THE SOLUTION



**TALON
CORE**

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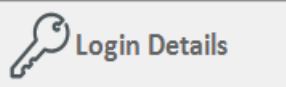
MAIN SCREEN



**TALON
CORE**





Log Off


Login Details


AREA 01


EVENTS



IB01



IB02



IB03



IB04



IB05



IB06



IB07



IB08



IB09



IB10



IB11



IB12



IB13



IB14



IB15


IB16


IB17


IB18


IB19


IB20

TimeLCT	Class	Priority	Name	Group	Value	Limit	OperatorFullName	AlarmComment
2025-09-10 02:4...	EVENT	999	InspectionBenchA1.RunFlag	Test_Area	0.00000000	false	Heine Vorster - QTech	Write success -
2025-09-10 02:4...	EVENT	999	InspectionBenchA1.RunFlag	Test_Area	1.00000000	false	Heine Vorster - QTech	Write success -
2025-09-10 02:4...	EVENT	999	InspectionBenchA1.SetupFlag	Test_Area	0.00000000	false	Heine Vorster - QTech	Write success -
2025-09-10 03:0...	DSC	500	InspectionBench_OPC.IB01.I...	Inspection...	false	true		The OPCClient

Displaying 46 to 50 of 274 alarms | Query: Default | Filter: 100% Complete | Harare, Pretoria





SETUP MODE



**TALON
CORE**

Log Off

Login Details
Access Level: 9999 Name: Heine Vorster - QTech
Domain: ArchestrA UserName: heine

AREA 01

EVENTS

IB01

IB02

IB03

IB04

IB05

IB06

IB07

IB08

IB09

IB10

IB11

IB12

IB13

IB14

IB15

IB16

IB17

IB18

IB19

IB20

SCENE (%)

10.00

20.00

40.00

60.00

80.00

100.00

SETUP ACTIVE

Test Scene

Test Scene

Test Scene

Test Scene

Test Scene

Test Scene

CURRENT (%)

10.00

SETUP

RUN

TIMERS

SETPOINT

ON SetPoint

0D_0H_5M_0S_0MS

OFF SetPoint

0D_0H_1M_0S_0MS

CURRENT

ON SetPoint

0D_0H_0M_0S_0MS

OFF SetPoint

0D_0H_0M_0S_0MS

Displaying 46 to 50 of 274 alarms Query: Default Filter: 100% Complete Harare, Pretoria





RUN MODE



Scrab DFM

Log Off

Login Details
Access Level: 9999 Name: Heine Vorster - QTech
Domain: ArchestrA User Name: heine

AREA 01

EVENTS

IB01

IB02

IB03

IB04

IB05

IB06

IB07

IB08

IB09

IB10

IB11

IB12

IB13

IB14

IB15

IB16

IB17

IB18

IB19

IB20

SCENE (%)

10.00

20.00

40.00

60.00

80.00

100.00

CURRENT (%)

0.0000

SETUP

RUN

TIMERS

SETPOINT

ON SetPoint

0D_0H_5M_0S_0MS

OFF SetPoint

0D_0H_1M_0S_0MS

CURRENT

ON SetPoint

0D_0H_0M_2S_391MS

OFF SetPoint

0D_0H_0M_0S_0MS

TimeLCT	Class	Priority	Name	Group	Value	Limit	OperatorFullName	AlarmComment
2025-09-10 02:4...	EVENT	999	InspectionBenchA1.RunFlag	Test_Area	0.00000000	false	Heine Vorster - QTech	Write success -
2025-09-10 02:4...	EVENT	999	InspectionBenchA1.RunFlag	Test_Area	1.00000000	false	Heine Vorster - QTech	Write success -
2025-09-10 02:4...	EVENT	999	InspectionBenchA1.SetupFlag	Test_Area	0.00000000	false	Heine Vorster - QTech	Write success -
2025-09-10 03:0...	DSC	500	InspectionBench_OPC.IB01.I...	Inspection...	false	true		The OPCClient

Displaying 46 to 50 of 295 alarms | Query: Default | Filter: 100% Complete | Harare, Pretoria

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MANUAL VISUAL INSPECTION BOOTHS


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EVENTS PAGE



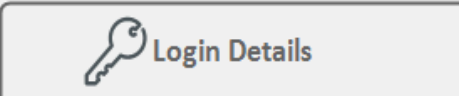


TALON
CORE





Log Off



Login Details

AREA 01

EVENTS

Access Level: 9999

Name: Heine Vorster - QTech

Domain: ArchestrA

User Name: heine

TimeLCT	Class	Priority	Name	Group	Value	Limit	OperatorFullName
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn5	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn6	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn1	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn2	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn3	Test_Area	false	true	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn4	Test_Area	true	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn5	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn6	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn1	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn2	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn3	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn4	Test_Area	false	true	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn5	Test_Area	true	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn6	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn1	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn2	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn3	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn4	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn5	Test_Area	false	true	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn6	Test_Area	true	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn1	Test_Area	true	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn2	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn3	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn4	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn5	Test_Area	false	false	Heine Vorster - QTech
2025-09-10 03:0...	EVENT	999	InspectionBenchA1.Setting_Btn6	Test_Area	false	true	Heine Vorster - QTech





THANK YOU.



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