

FORM REF	1725IED-FAT-TR-PARAM		
FORM DESCRIPTION	RTU FAT RECORD – PARAMETER SETTING	FORM VERSION	02
PROJECT DETAILS	RTU SERIAL NO:	PRODUCT DETAILS	DF1725IED RTU
	CONTRACT NO:	TEST RECORD SHEET	29 of 39
FAT – TEST RECORD REF:	PARAMETER – PROCESSOR	RECORD SHEET NO.	of

1.0 Processor Parameter Setting

1.1 MCU-1-A

No	Parameter	Standard Setting	OK	NO
1	Time Zone	UTC +08:00	<input type="checkbox"/>	<input type="checkbox"/>
2	Employ NVRAM	YES	<input type="checkbox"/>	<input type="checkbox"/>
3	Time delay (s)	20 seconds	<input type="checkbox"/>	<input type="checkbox"/>
4	ClockSyn	60 minutes	<input type="checkbox"/>	<input type="checkbox"/>

1.2 MCU-4-A

No	Parameter	Standard Setting	OK	NO
1	Time Zone	UTC +08:00	<input type="checkbox"/>	<input type="checkbox"/>
2	Employ NVRAM	YES	<input type="checkbox"/>	<input type="checkbox"/>
3	Time delay (s)	20 seconds	<input type="checkbox"/>	<input type="checkbox"/>
4	ClockSyn	60 minutes	<input type="checkbox"/>	<input type="checkbox"/>



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Witnessed By:
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Date:

TNB QAI's
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FAT – TEST RECORD REF:	PARAMETER – DIGITAL INPUT	RECORD SHEET NO.	of

2.0 Digital Input Parameter Setting

2.1 Under Card Module

No.	Parameter	Standard Setting		OK	NO
		SPI	DPI		
1	Debounce	10ms	10ms	<input type="checkbox"/>	<input type="checkbox"/>
2	Invert	NO	NO	<input type="checkbox"/>	<input type="checkbox"/>
3	Chatter Time = Tc (ms)	1000	1000	<input type="checkbox"/>	<input type="checkbox"/>
4	Number of Chatter = Nc	5	5	<input type="checkbox"/>	<input type="checkbox"/>
5	Recovery Time = TRcvr	60	60	<input type="checkbox"/>	<input type="checkbox"/>

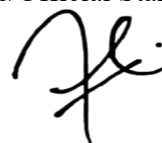
2.2 Under Logical Module

No.	Parameter	Standard Setting		OK	NO
		SPI	DPI		
1	Transmit SOE	YES	YES	<input type="checkbox"/>	<input type="checkbox"/>
2	Transmit COS	NO	NO	<input type="checkbox"/>	<input type="checkbox"/>
3	Info Code 1	(1)	(3)	<input type="checkbox"/>	<input type="checkbox"/>
4	Info Code 2	(30)	(31)	<input type="checkbox"/>	<input type="checkbox"/>
5	Event Buffer Mode	Uncovered (No Tick)	Uncovered (No Tick)	<input type="checkbox"/>	<input type="checkbox"/>
6	SOE Buffer Size	1000	1000	<input type="checkbox"/>	<input type="checkbox"/>
7	Priority	2	2	<input type="checkbox"/>	<input type="checkbox"/>



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FAT – TEST RECORD REF:	PARAMETER – DIGITAL OUTPUT	RECORD SHEET NO.	of

3.0 Digital Output Parameter Setting

3.1 Under Card Module

No.	Parameter	Standard Setting		OK	NO
		Double Command	Single Command		
1	Reset Time (s)	20	20	<input type="checkbox"/>	<input type="checkbox"/>
2	On Time (long: ms)	3000	3000	<input type="checkbox"/>	<input type="checkbox"/>
3	On Time (short: ms)	3000	3000	<input type="checkbox"/>	<input type="checkbox"/>

3.2 Under Logical Module

No.	Parameter	Standard Setting		OK	NO
		Double Command	Single Command		
1	DO Attribute	Trip & Close	Close	<input type="checkbox"/>	<input type="checkbox"/>
2	Command Format	Double / Rise/Fall	Single	<input type="checkbox"/>	<input type="checkbox"/>
3	SBO	SBO	SBO	<input type="checkbox"/>	<input type="checkbox"/>
4	Priority	2	2	<input type="checkbox"/>	<input type="checkbox"/>



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FAT – TEST RECORD REF:	PARAMETER – ANALOG INPUT	RECORD SHEET NO.	of

4.0 Analog Input Parameter Setting

4.1 Under Card Module

No.	Parameter	Standard Setting	OK	NO
1	AI Type	4 – 20mA	<input type="checkbox"/>	<input type="checkbox"/>
2	Main Force to 0	YES	<input type="checkbox"/>	<input type="checkbox"/>
3	Force to 0	75	<input type="checkbox"/>	<input type="checkbox"/>

4.2 Under Logical Module

No.	Parameter	Standard Setting	OK	NO
1	Coe. a	32767	<input type="checkbox"/>	<input type="checkbox"/>
2	Coe. b	10000	<input type="checkbox"/>	<input type="checkbox"/>
3	Coe. c	0	<input type="checkbox"/>	<input type="checkbox"/>
4	AI Multiply Coe	YES	<input type="checkbox"/>	<input type="checkbox"/>
5	AI Event Buffer Size	1000	<input type="checkbox"/>	<input type="checkbox"/>
6	Event Buffer Mode	Uncovered (No Tick)	<input type="checkbox"/>	<input type="checkbox"/>
7	Deadband	100	<input type="checkbox"/>	<input type="checkbox"/>
8	Info Code 1	Disable	<input type="checkbox"/>	<input type="checkbox"/>
9	Info Code 2	(34) / (36)	<input type="checkbox"/>	<input type="checkbox"/>
10	Priority	2	<input type="checkbox"/>	<input type="checkbox"/>



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	CONTRACT NO:	TEST RECORD SHEET	34 of 39
FAT – TEST RECORD REF:	PARAMETER – IEC101 MODULE	RECORD SHEET NO.	1 of 1

6.0 IEC101 Parameter Setting

No.	Parameter	Standard Setting	OK	NO
1	Main Port	COM2	<input type="checkbox"/>	<input type="checkbox"/>
2	Backup/Standby Port	COM3	<input type="checkbox"/>	<input type="checkbox"/>
3	Protocol Name/No.	292. Slave IEC101Sec	<input type="checkbox"/>	<input type="checkbox"/>
4	Standby Mode	One Working Another Spare	<input type="checkbox"/>	<input type="checkbox"/>
5	R&T Under Standby Machine	Neither Transmit nor Receive	<input type="checkbox"/>	<input type="checkbox"/>
6	Breaking Time (ms)	20000	<input type="checkbox"/>	<input type="checkbox"/>
7	Serial Type	RS232	<input type="checkbox"/>	<input type="checkbox"/>
8	Baudrate	9600	<input type="checkbox"/>	<input type="checkbox"/>
9	Data Bit	8	<input type="checkbox"/>	<input type="checkbox"/>
10	Stop Bit	1	<input type="checkbox"/>	<input type="checkbox"/>
11	Parity	Even	<input type="checkbox"/>	<input type="checkbox"/>
12	Link Address Size	2 octets	<input type="checkbox"/>	<input type="checkbox"/>
13	Cause of Transmission Size	1 octet	<input type="checkbox"/>	<input type="checkbox"/>
14	Common Address Size	2 octets	<input type="checkbox"/>	<input type="checkbox"/>
15	IOA Size	2 octets	<input type="checkbox"/>	<input type="checkbox"/>
16	Alarm Time (s)	25	<input type="checkbox"/>	<input type="checkbox"/>
17	Link Transmission Procedure	Unbalanced	<input type="checkbox"/>	<input type="checkbox"/>
18	User ID	User_TNBD	<input type="checkbox"/>	<input type="checkbox"/>



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FAT – TEST RECORD REF:	PARAMETER – IEC104 MODULE	RECORD SHEET NO.	1 of 1

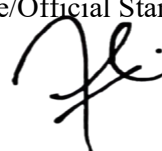
7.0 IEC104 Parameter Setting

No.	Parameter	Standard Setting	OK	NO
1	Main Port	EthernetA, Link2	<input type="checkbox"/>	<input type="checkbox"/>
2	Backup/Standby Port	EthernetB, Link2	<input type="checkbox"/>	<input type="checkbox"/>
3	Protocol Name/No.	114. Slave IEC104Sec	<input type="checkbox"/>	<input type="checkbox"/>
4	Standby Mode	Both Have Task	<input type="checkbox"/>	<input type="checkbox"/>
5	Work Mode	TCP Server	<input type="checkbox"/>	<input type="checkbox"/>
6	Port Address	2404	<input type="checkbox"/>	<input type="checkbox"/>
7	Cause of Transmission Size	2 octets	<input type="checkbox"/>	<input type="checkbox"/>
8	Common Address of ASDU Size	2 octets	<input type="checkbox"/>	<input type="checkbox"/>
9	Information Object Address Size	3 octets	<input type="checkbox"/>	<input type="checkbox"/>
10	Control Command Mode	CMD_BOTH	<input type="checkbox"/>	<input type="checkbox"/>
11	Background Scan Time (s)	0	<input type="checkbox"/>	<input type="checkbox"/>
12	T1 period	15 seconds	<input type="checkbox"/>	<input type="checkbox"/>
13	T2 period	10 seconds	<input type="checkbox"/>	<input type="checkbox"/>
14	T3 period	20 seconds	<input type="checkbox"/>	<input type="checkbox"/>
15	K	12	<input type="checkbox"/>	<input type="checkbox"/>
16	W	8	<input type="checkbox"/>	<input type="checkbox"/>



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