

# 1.0 Processor Parameter Setting

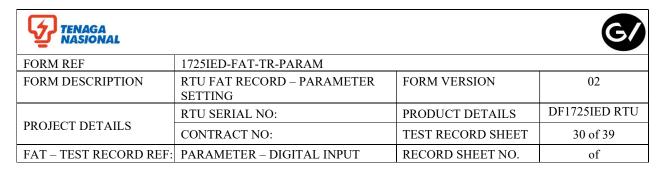
#### 1.1 MCU-1-A

No	Parameter	Standard Setting	OK	NO
1	Time Zone	UTC +08:00		
2	Employ NVRAM	YES		
3	Time delay (s)	20 seconds		
4	ClockSyn	60 minutes		

#### 1.2 MCU-4-A

No	Parameter	Standard Setting	OK	NO
1	Time Zone	UTC +08:00		
2	Employ NVRAM	YES		
3	Time delay (s)	20 seconds		
4	ClockSyn	60 minutes		

Tested By:	Witnessed By:
(Signature/Official Stamp)	(Signature/Official Stamp)
17	17
Tester's	TNB QAI's
Name:	Name:
Date:	Date:



# 2.0 Digital Input Parameter Setting

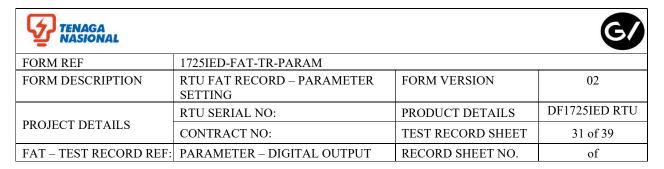
### 2.1 Under Card Module

Na	Panamatan.	Standard Setting		OV	NO
No.	Parameter	SPI	DPI	OK	NO
1	Debounce	10ms	10ms		
2	Invert	NO	NO		
3	Chatter Time = Tc (ms)	1000	1000		
4	Number of Chatter = Nc	5	5		
5	Recovery Time = TRcvr	60	60		

### 2.2 Under Logical Module

No.	Parameter	Standard Setting		ОК	NO
110.	1 at afficted	SPI	DPI	OK	NO
1	Transmit SOE	YES	YES		
2	Transmit COS	NO	NO		
3	Info Code 1	(1)	(3)		
4	Info Code 2	(30)	(31)		
5	Event Buffer Mode	Uncovered (No Tick)	Uncovered (No Tick)		
6	SOE Buffer Size	1000	1000		
7	Priority	2	2		

Tested By: (Signature/Official Stamp)	Witnessed By: (Signature/Official Stamp)
(Signature/Official Stamp)	(Signature/Official Stamp)
Tester's	TNB QAI's
Name:	Name:
Date:	Date:



# 3.0 Digital Output Parameter Setting

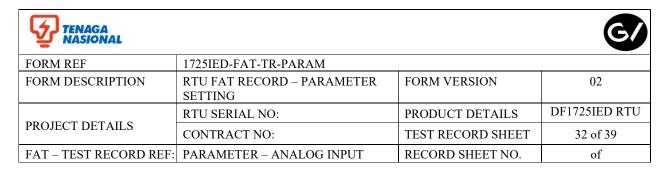
#### 3.1 Under Card Module

No	Dawamatau	Standard Setting		OV	NO
No.	Parameter	<b>Double Command</b>	Single Command	OK	NO
1	Reset Time (s)	20	20		
2	On Time (long: ms)	3000	3000		
3	On Time (short: ms)	3000	3000		

## 3.2 Under Logical Module

No.	Parameter	Standard Setting		ОК	NO
110.	r ai ametei	<b>Double Command</b>	Single Command	OK	
1	DO Attribute	Trip & Close	Close		
2	Command Format	Double / Rise/Fall	Single		
3	SBO	SBO	SBO		
4	Priority	2	2		

Tested By: (Signature/Official Stamp)	Witnessed By: (Signature/Official Stamp)
Tester's	TNB QAI's
Name:	Name:
Date:	Date:



# 4.0 Analog Input Parameter Setting

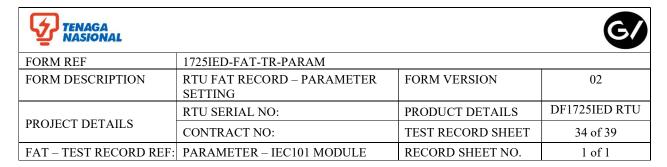
#### **4.1 Under Card Module**

No.	Parameter	Standard Setting	OK	NO
1	AI Type	4-20mA		
2	Main Force to 0	YES		
3	Force to 0	75		

### 4.2 Under Logical Module

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

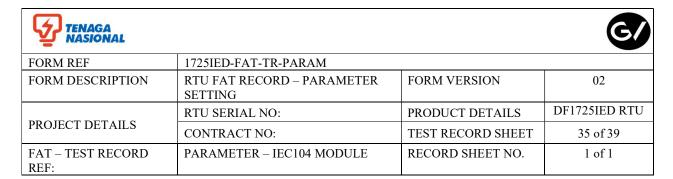
Tested By: (Signature/Official Stamp)	Witnessed By: (Signature/Official Stamp)
Tester's Name: Date:	TNB QAI's Name: Date:



#### **6.0 IEC101 Parameter Setting**

No.	Parameter	Standard Setting	OK	NO
1	Main Port	COM2		
2	Backup/Standby Port	COM3		
3	Protocol Name/No.	292. Slave_IEC101Sec		
4	Standby Mode	One Working Another Spare		
5	R&T Under Standby Machine	Neither Transmit nor Receive		
6	Breaking Time (ms)	20000		
7	Serial Type	RS232		
8	Baudrate	9600		
9	Data Bit	8		
10	Stop Bit	1		
11	Parity	Even		
12	Link Address Size	2 octets		
13	Cause of Transmission Size	1 octet		
14	Common Address Size	2 octets		
15	IOA Size	2 octets		
16	Alarm Time (s)	25		
17	Link Transmission Procedure	Unbalanced		
18	User ID	User_TNBD		

Tested By:	Witnessed By:
(Signature/Official Stamp)	(Signature/Official Stamp)
Tester's Name: Date:	TNB QAI's Name: Date:



### 7.0 IEC104 Parameter Setting

No.	Parameter	Standard Setting	OK	NO
1	Main Port	EthernetA, Link2		
2	Backup/Standby Port	EthernetB, Link2		
3	Protocol Name/No.	114. Slave_IEC104Sec		
4	Standby Mode	Both Have Task		
5	Work Mode	TCP Server		
6	Port Address	2404		
7	Cause of Transmission Size	2 octets		
8	Common Address of ASDU Size	2 octets		
9	Information Object Address Size	3 octets		
10	Control Command Mode	CMD_BOTH		
11	Background Scan Time (s)	0		
12	T1 period	15 seconds		
13	T2 period	10 seconds		
14	T3 period	20 seconds		
15	K	12		
16	W	8		

Tested By: (Signature/Official Stamp)	Witnessed By: (Signature/Official Stamp)	
Tester's	TNB QAI's	
Name:	Name:	
Date:	Date:	