

**KONE PRODUCTS & ENGINEERING (M) SDN. BHD. (021736-P)**

Factory : Lot No. 846, Jalan Subang 7, Taman Perindustrian Subang, 47500 Petaling Jaya, Selangor, Malaysia.
 Postal Address : P. O. Box 6550 Kg. Tunku, Sg. Way/Subang, 47307 Petaling Jaya, Selangor, Malaysia.

Tel : (03) 8024 3111 (Hunting Line)

Fax : (03) 8023 1845

Email : kpemsb@gmail.com

GST Reg No. 000107937792

**TO :**

Nusantara Technologies Sdn Bhd
 No: 5, Jalan Anggerik Mokara 31/45
 Seksyen 31, Kota Kemuning
 40460 Shah Alam, Selangor Darul Ehsan
 Attn : Mr Arbaen Paimin

Tel No: 03-51229766 / Fax No: 03-51228767

Please Supply :-

PURCHASE ORDER NO: 05401

Date: 11/01/2019

Terms : Cash.

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Item	Description	Qty	Per	Unit Price (RM)	Amount (RM)
Re : Mechanical & NDT Testing At Nusatek Lab					
<u>Yr Quo No : MAT/Q/SM-1901-0055 dd 09.01.19</u>					
1	WPS no : KPE-WPS-SMAW-003 Material : BS EN ISO 10025/S275JR Plate thickness : 12mm plate				
1)	i. Tensile test	2	Pcs.	160.00	320.00
2)	ii. Bend Test	4	Pcs.	90.00	360.00
3)	iii. Charpy Impact Test at temp. 20 C (WM & HAZ)	2	Sets.	450.00	900.00
4)	iv. Macro Etch	1	Pc.	155.00	155.00
5)	v. MPI	1	Pc.	175.00	175.00
6)	vi. Gamma ray RT-1st film rate	1	Film.	150.00	150.00
2	WPS no : KPE-WPS-SMAW-004 Material : BS EN ISO 10025/S275JR Plate thickness : 25mm plate				
7)	i. Tensile test	2	Pcs.	180.00	360.00
8)	ii. Bend Test	4	Pcs.	95.00	380.00
9)	iii. Charpy Impact Test at temp. 20 C (WM & HAZ)	2	Sets.	450.00	900.00
10)	iv. Macro Etch	1	Pc.	160.00	160.00
11)	v. MPI	1	Pc.	175.00	175.00
12)	vi. Gamma ray RT-subsequent film rate	1	Film.	40.00	40.00
3	WPS no : KPE-WPS-SMAW-005 Material : BS EN ISO 10025/S275JR Plate thickness : 9mm plate joint to 25mm plate				
13)	i. Macro Etch	2	Pcs.	160.00	320.00
14)	ii. MPI	1	Pc.	175.00	175.00

N.B. (a) Our Local Purchase Order number must be quoted
 on your Delivery Notes and Invoices

(b) All Invoices should be submitted in Duplicate.

(c) Any Invoice without our Order No. will not be entertained.

Total (RM) =for **KONE PRODUCTS & ENGINEERING (M) SDN. BHD.**

**KONE PRODUCTS & ENGINEERING (M) SDN. BHD. (021736-P)**

Factory : Lot No. 846, Jalan Subang 7, Taman Perindustrian Subang, 47500 Petaling Jaya, Selangor, Malaysia.
 Postal Address : P. O. Box 6550 Kg. Tunku, Sg. Way/Subang, 47307 Petaling Jaya, Selangor, Malaysia.

Tel : (03) 8024 3111 (Hunting Line)

Fax : (03) 8023 1845

Email : kpemsb@gmail.com

GST Reg No. 000107937792

**TO :**

Nusantara Technologies Sdn Bhd
 No: 5, Jalan Anggerik Mokara 31/45
 Seksyen 31, Kota Kemuning
 40460 Shah Alam, Selangor Darul Ehsan
 Attn : Mr Arbaen Paimin
 Tel No: 03-51229766 / Fax No: 03-51228767
 Please Supply :-

PURCHASE ORDER NO: 05401-A

Date: 11/01/2019

Terms : Cash.

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Item	Description	Qty	Per	Unit Price (RM)	Amount (RM)
4	WPS no : KPE-WPS-SMAW-001 Material : BS EN ISO 10025/S275JR Plate thickness : 12mm plate				
15)	i. Gamma ray RT-subsequent film rate	1 x 2 Samples	Film.	40.00	80.00
5	WPS no : KPE-WPS-SMAW-001 Material : BS EN ISO 10025/S275JR Plate thickness : 9mm joint to 9mm plate				
16)	i. Fracture Test	1 x 2 Samples	Pc.	95.00	190.00
					4,840.00
				+ Discount 3 %	145.20
					4,694.80
	(Item Sixteen Only)				
	RM : Four Thousand Six Hundred Ninety-Four & Cts Eighty Only.				

N.B. (a) Our Local Purchase Order number must be quoted on your Delivery Notes and Invoices

(b) All Invoices should be submitted in Duplicate.

(c) Any Invoice without our Order No. will not be entertained.

Total (RM) = 4,694.80

for **KONE PRODUCTS & ENGINEERING (M) SDN. BHD.**

JOB NO: _____
 REPORT NO: _____

MECHANICAL TESTING CONSIGNMENT NOTE

From / Customer : Kone Products & Engineering (M) S/B Date : 17/12/2018
 Tel. No. / Fax No. : 03-8024 3111 Quantity of Sample Sent : 1
 Project : KPE-WPS-SMAW-003

To carry-out Mechanical Testing as follows :-

1. Tensile Test : 2 (Longitudinal Transverse Through Thickness / All Weld / Subsize / Rebar)
2. Shear Test : _____ Overlay Bolt Others: _____
3. Bend Test : 4 Face Root Side 4
4. Charpy Impact Test : BM WM HAZ FL FL + 1 FL + 2 FL + 5
 Test Temperature : 20 °C
5. Hardness Test : _____ HV HB HRC Location: Cross-sectional / Surface
6. Macro Etch : 1
7. Microstructure : _____
8. Nick Break / Fracture Test : _____
9. Proof Load Test (Bolt/Nut) : _____
10. Flattening Test : _____
11. Flaring / Drift / Ring-Expanding Test : _____
12. Chemical Analysis : _____ Spectrometer XRF Elements: _____
13. Corrosion Test : ASTM G 48 (A) ASTM A 262 (A / B / E) Others : _____
14. Ferrite Count : Metallography ASTM E 562 (Manual) Ferritescope (Machine)
15. Other Details : a) WPS No. / Heat No. / Sample ID : KPE-WPS-SMAW-003
 b) Sample Description : _____
 c) Material Specification / Grade : BS EN ISO 10025 / S275 JR
 d) Material Thickness / Diameter : 12 mm plate
 e) Welding Process : SMAW
 f) Weld Configuration : Butt Weld
 g) Weld Position : 1G / PA (Flat)
 h) Welder's Name / Particular : Ho Yun Young
 i) I/C No. / Welder No. : 590909105983
 j) Test Method / Test Specification : BS EN ISO 15614 - 1 : 2017
16. NDT : i. RT : X-RAY Gamma Ray Film: 1
 ii. DPT iii. MPI (100% Both side) iv. UT
17. PWHT : _____ (Please fill up the PWHT Form)
18. Others Testing : _____ (Please Specify)
19. Witness By (if any) : Lloyd's Register 20. Testing Date : _____

NOTE : Customer shall be responsible to collect the remaining test sample within 14 days, otherwise it shall be disposed without notice

REQUESTED BY : (Customer) Signature : <u>[Signature]</u> Name : <u>DCS GOH</u> Contact No. / Email : <u>012-5599451</u> (please cop and sign) <u>gohcs.1@gmail.com</u>	RECEIVED BY : (NUSATEK) Signature : _____ Name : _____ Date : _____ (please cop and sign)
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JOB NO: _____
 REPORT NO: _____

MECHANICAL TESTING CONSIGNMENT NOTE

From / Customer : Kone Products & Engineering (M) S/B Date : 17/12/2018
 Tel. No. / Fax No. : 03-8024 3111 Quantity of Sample Sent : 1
 Project : KPE-WPS-SMAW-004

To carry-out Mechanical Testing as follows :-

1. Tensile Test : 2 (Longitudinal Transverse Through Thickness / All Weld / Subsize / Rebar)
2. Shear Test : _____ Overlay Bolt Others: _____
3. Bend Test : 4 Face Root Side 4
4. Charpy Impact Test : BM WM HAZ FL FL+1 FL+2 FL+5
 Test Temperature : 20 °C
5. Hardness Test : _____ HV HB HRC Location: Cross-sectional / Surface
6. Macro Etch : 1
7. Microstructure : _____
8. Nick Break / Fracture Test : _____
9. Proof Load Test(Bolt/Nut) : _____
10. Flattening Test : _____
11. Flaring / Drift / Ring-Expanding Test : _____
12. Chemical Analysis : _____ Spectrometer XRF Elements: _____
13. Corrosion Test : ASTM G 48 (A) ASTM A 262 (A / B / E) Others : _____
14. Ferrite Count : Metallography ASTM E 562 (Manual) Ferritescope (Machine)
15. Other Details :
 - a) WPS No. / Heat No. / Sample ID : KPE-WPS-SMAW-004
 - b) Sample Description : _____
 - c) Material Specification / Grade : BS EN ISO 10025 / S275 JR
 - d) Material Thickness / Diameter : 25 mm plate
 - e) Welding Process : SMAW
 - f) Weld Configuration : Butt Weld
 - g) Weld Position : 1G / PA (Flat)
 - h) Welder's Name / Particular : Kuan Yuen Eng
 - i) I/C No. / Welder No. : 701114105639
 - j) Test Method / Test Specification : BS EN ISO 15614-1 : 2017
16. NDT
 - i. RT : X-RAY Gamma Ray Film: 1
 - ii. DPT iii. MPI 100% iv. UT
17. PWHT : _____ (Please fill up the PWHT Form)
18. Others Testing : _____ (Please Specify)
19. Witness By (if any) : Lloyd's Register
20. Testing Date : _____

NOTE : Customer shall be responsible to collect the remaining test sample within 14 days, otherwise it shall be disposed without notice

REQUESTED BY : (Customer) Signature : _____ Name : <u>DCS GOH</u> Contact No. / Email : <u>012-5599451</u> (please cop and sign) <u>gohes.1@gmail.com</u>	RECEIVED BY : (NUSATEK) Signature : _____ Name : _____ Date : _____ (please cop and sign)
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JOB NO: _____
 REPORT NO: _____

MECHANICAL TESTING CONSIGNMENT NOTE

From / Customer : Kone Products & Engineering (M)^{S/B} Date : 17/12/2018
 Tel. No. / Fax No. : 03-80243111 Quantity of Sample Sent : 1
 Project : KPE-WPS-SMAW-005

To carry-out Mechanical Testing as follows :-

1. Tensile Test : _____ (Longitudinal / Transverse / Through Thickness / All Weld / Subsize / Rebar)
2. Shear Test : _____ Overlay Bolt Others: _____
3. Bend Test : _____ Face Root Side
4. Charpy Impact Test : BM WM HAZ FL FL + 1 FL + 2 FL + 5
 Test Temperature : _____ °C
5. Hardness Test : _____ HV HB HRC Location: Cross-sectional / Surface
6. Macro Etch : 2
7. Microstructure : _____
8. Nick Break / Fracture Test : _____
9. Proof Load Test(Bolt/Nut) : _____
10. Flattening Test : _____
11. Flaring / Drift / Ring-Expanding Test : _____
12. Chemical Analysis : _____ Spectrometer XRF Elements: _____
13. Corrosion Test : ASTM G 48 (A) ASTM A 262 (A / B / E) Others : _____
14. Ferrite Count : Metallography ASTM E 562 (Manual) Ferritescope (Machine)
15. Other Details : a) WPS No. / Heat No. / Sample ID : KPE-WPS-SMAW-005
 b) Sample Description : _____
 c) Material Specification / Grade : BS EN 150 10025 / S275 JR
 d) Material Thickness / Diameter : 9mm plate joint to 25mm plate
 e) Welding Process : SMAW
 f) Weld Configuration : Fillet Weld
 g) Weld Position : 3G Vertical up
 h) Welder's Name / Particular : Awat Anak Jawin
 i) I/C No. / Welder No. : 850706135005
 j) Test Method / Test Specification : BS EN 150 15614 - 1 : 2017
16. NDT
 i. RT : X-RAY Gamma Ray Film: _____
 ii. DPT iii. MPI (100%) iv. UT
17. PWHT : _____ (Please fill up the PWHT Form)
18. Others Testing : _____ (Please Specify)
19. Witness By (if any) : Lloyd's Register 20. Testing Date : _____

NOTE : Customer shall be responsible to collect the remaining test sample within 14days, otherwise it shall be disposed without notice

REQUESTED BY : (Customer) Signature : _____ Name : <u>PCS GOH</u> Contact No. / Email : <u>012-5599451</u> (please cop and sign) <u>gohes.1@gmail.com</u>	RECEIVED BY : (NUSATEK) Signature : _____ Name : _____ Date : _____ (please cop and sign)
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JOB NO: _____
 REPORT NO: _____

MECHANICAL TESTING CONSIGNMENT NOTE

From / Customer : Kone Products & Engineering (M) S/B Date : 17/12/2018
 Tel. No. / Fax No. : 03-8024 3111 Quantity of Sample Sent : 2
 Project : KPE - WQT - SMAW

To carry-out Mechanical Testing as follows :-

1. Tensile Test : _____ (Longitudinal / Transverse / Through Thickness / All Weld / Subsize / Rebar)
2. Shear Test : _____ Overlay Bolt Others: _____
3. Bend Test : _____ Face Root Side
4. Charpy Impact Test : BM WM HAZ FL FL + 1 FL + 2 FL + 5
 Test Temperature : _____ °C
5. Hardness Test : _____ HV HB HRC Location: Cross-sectional / Surface
6. Macro Etch : _____
7. Microstructure : _____
8. Nick Break / Fracture Test : _____
9. Proof Load Test(Bolt/Nut) : _____
10. Flattening Test : _____
11. Flaring / Drift / Ring-Expanding Test : _____
12. Chemical Analysis : _____ Spectrometer XRF Elements: _____
13. Corrosion Test : ASTM G 48 (A) ASTM A 262 (A / B / E) Others : _____
14. Ferrite Count : Metallography ASTM E 562 Ferriscope
(Manual) (Machine)
15. Other Details : a) WPS No. / Heat No. / Sample ID : KPE - WPS - SMAW - 001
 b) Sample Description : Welder name on sample.
 c) Material Specification / Grade : BS EN 150 10025 / S275 JR
 d) Material Thickness / Diameter : 12 mm plate
 e) Welding Process : SMAW
 f) Weld Configuration : Butt weld
 g) Weld Position : IG / PA
 h) Welder's Name / Particular : _____
 i) I/C No. / Welder No. : _____
 j) Test Method / Test Specification : BS EN 150 9606 - 1 : 2012
16. NDT
 i. RT : X-RAY Gamma Ray Film: 1
 ii. DPT iii. MPI iv. UT
17. PWHT : _____ (Please fill up the PWHT Form)
18. Others Testing : _____
(Please Specify)
19. Witness By (if any) : Lloyd's Register 20. Testing Date : _____

NOTE : Customer shall be responsible to collect the remaining test sample within 14days, otherwise it shall be disposed without notice

REQUESTED BY : (Customer) Signature : _____ Name : <u>DCS GOH</u> Contact No. / Email : <u>012-5599451</u> (please cop and sign) <u>gohcs.1@gmail.com</u>	RECEIVED BY : (NUSATEK) Signature : _____ Name : _____ Date : _____ (please cop and sign)
---	---

JOB NO: _____

REPORT NO: _____

MECHANICAL TESTING CONSIGNMENT NOTE

From / Customer : Kone Products & Engineering (M) S/B Date : 17/12/2018
 Tel. No. / Fax No. : 03-8024 3111 Quantity of Sample Sent : 2
 Project : KPE-WQT-SMAW

To carry-out Mechanical Testing as follows :-

- 1. Tensile Test : _____ (Longitudinal / Transverse / Through Thickness / All Weld / Subsize / Rebar)
- 2. Shear Test : _____ Overlay Bolt Others: _____
- 3. Bend Test : _____ Face Root Side
- 4. Charpy Impact Test : BM WM HAZ FL FL + 1 FL + 2 FL+5
 Test Temperature : _____ °C
- 5. Hardness Test : _____ HV HB HRC Location: Cross-sectional / Surface
- 6. Macro Etch : _____
- 7. Microstructure : _____
- 8. ~~Nick Break~~ / Fracture Test : 1
- 9. Proof Load Test(Bolt/Nut) : _____
- 10. Flattening Test : _____
- 11. Flaring / Drift / Ring-Expanding Test : _____
- 12. Chemical Analysis : _____ Spectrometer XRF Elements: _____
- 13. Corrosion Test : ASTM G 48 (A) ASTM A 262 (A / B / E) Others : _____
- 14. Ferrite Count : Metallography ASTM E 562 Ferritescope
(Manual) (Machine)
- 15. Other Details :
 - a) WPS No. / Heat No. / Sample ID : KPE-WPS-SMAW-001
 - b) Sample Description : Welder name on sample.
 - c) Material Specification / Grade : BS EN 150 10025 / 5275 JR
 - d) Material Thickness / Diameter : 9 mm plate joint to 9 mm plate
 - e) Welding Process : SMAW
 - f) Weld Configuration : Fillet Weld
 - g) Weld Position : 3G Vertical Up / PF
 - h) Welder's Name / Particular : _____
 - i) I/C No. / Welder No. : _____
 - j) Test Method / Test Specification : BS EN 150 9606 -1 : 2012

16. NDT
 i. RT : X-RAY Gamma Ray Film: _____
 ii. DPT iii. MPI iv. UT
 17. PWHT : _____ (Please fill up the PWHT Form)
 18. Others Testing : _____
(Please Specify)

19. Witness By (if any) : Lloyd's Register 20. Testing Date : _____

NOTE : Customer shall be responsible to collect the remaining test sample within 14days, otherwise it shall be disposed without notice

REQUESTED BY : (Customer)
 Signature : _____
 Name : CS GOH
 Contact No. / Email : 012-5599451
(please cop and sign) gohcs.1@gmail.com

RECEIVED BY : (NUSATEK)
 Signature : _____
 Name : _____
 Date : _____
(please cop and sign)