

MIR ENGINEERING



LIFTING INSPECTION SERVICES
NDT & ADVANCED SERVICES
LOAD TESTING SERVICES
TENSILE & BREAKING TEST
TECHNICAL CONSULTANCY
FAILURE ANALYSIS

www.mir-engineering.com
Email: info@mir-engineering.com

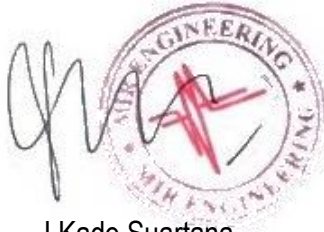


SUMMARY REPORT PROOF LOAD & CYCLIC TEST CERTIFICATION OF JUMBO BAG

CV. PEWALI

Report No. : MIR/02/9969/III/24

ISSUE DATE	DESCRIPTION
March 20 th 2024	Jumbo Bag 4 Loop /Single Trip Qty: 1 unit as Attached ID; PEWALI-JB2T-01 Capacity 2 Ton

Prepared by:  <u>Jonly Roger Konhudt</u> LEEA Inspector Reg No.#18901	Approved by:  <u>I Kade Suartana</u> Technical Manager
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I. OBJECTIVE

To inspect and examine the Jumbo Bag belongs to CV. PEWALI, where examination, inspection & testing location at Jakarta, perform Proof load and Cyclic Test was conducted on March 20th 2024, after known that the Inspection result is good and FIT for intended use

II. EXAMINATION & TESTING METHOD

- Load Cell 12 Ton (Calibrated)
- Vernier Caliver, Krisbow VC-200-003-000 (Calibrated)

III. EXAMINATION RESULT

In general all of the Inspection result of the 1 Unit Jumbo Bag or Sling Bag ID: PEWALI-JB2T-01 (Prototype test)

The result of Inspection is not found indication on the inspected area. Complete Inspection Report

Shown on the detail data are listed in the attached.

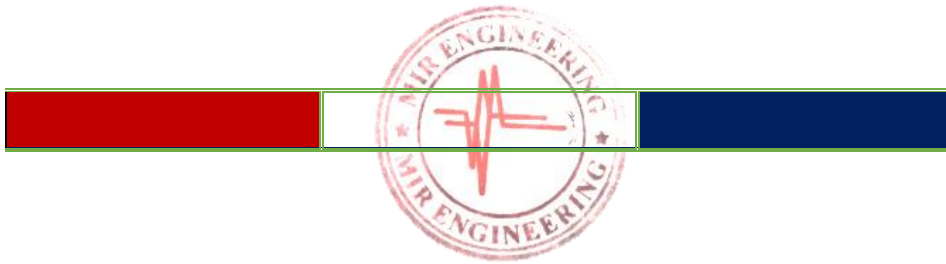
IV. PERSONNEL

MIR-E Team : Jonly Roger Konhudt & Suryadi

TABLE OF CONTENT

1. License & Accreditation
2. Personnel Certificate
3. Visual, Proof Test, Cyclic Test Report & Certificate of Inspection
Certificate of Inspection, Report of Thorough Examination, Visual Inspection Report
4. Certificate of Analysis (C.O.A)

License & Accreditation



Lifting Equipment Engineers Association

Certificate of Membership

2023

We hereby certify that

PT MIR Engineering
Indonesia

having been audited in accordance with the Association's technical audit procedure specified in document reference LEEA 042 has been admitted as a

Full Member

for the location(s) and scope of work detailed in the schedule bearing the same number as this certificate

Certificate Number
3761

For and on behalf of LEEA  **Chair**

Date of Certificate - 1st October 2023

Date of expiry of Certificate - 30th September 2024



This certificate is the property of the Association and shall be returned on demand. It is not issued under, in pursuance of, or in recognition of any statutory or Government sanction but by the authority of the Association only. It is valid only in the country listed above.

Lifting Equipment Engineers Association

SCHEDULE TO MEMBERSHIP CERTIFICATE NUMBER

3761

(VALID ONLY IN CONJUNCTION WITH A CURRENT MEMBERSHIP CERTIFICATE)

Location(s) covered by this schedule: -

Company Name: **PT MIR ENGINEERING**

Country of Operation: **INDONESIA**

Membership Category: **FULL MEMBER**

The above-mentioned company has personnel that are trained to LEEA Advanced Programme level for the activities below:

Test and Examine, Service/Repair of:

LIFTING EQUIPMENT GENERAL
LIFTING MACHINES MANUAL
LIFTING MACHINES POWER
OVERHEAD TRAVELLING CRANES
OFFSHORE CONTAINERS
RUNWAYS AND CRANE STRUCTURES
MOBILE CRANES

For and on behalf of LEEA  **Chair**



This schedule is the property of the Association and shall be returned on demand. It is not issued under, in pursuance of, or in recognition of any statutory or Government sanction but by the authority of the Association only. It is valid only in conjunction with the certificate bearing the same number as this schedule.



KEMENTERIAN ENERGI DAN SUMBER DAYA MINERAL
DIREKTORAT JENDERAL MINYAK DAN GAS BUMI
SURAT KEMAMPUAN USAHA PENUNJANG MIGAS
No. 372/SKUP-J/DMB/2022

Memperhatikan surat permohonan PT. MIR ENGINEERING No. 009/SK/MIR-E/IX/22 tanggal 6 September 2022 dan berdasarkan :

1. Peraturan Menteri Energi dan Sumber Daya Mineral No. 14 Tahun 2018 tentang Kegiatan Usaha Penunjang Minyak dan Gas Bumi.
2. Peraturan Menteri Energi dan Sumber Daya Mineral No. 15 Tahun 2013 tentang Penggunaan Produk Dalam Negeri pada Kegiatan Usaha Hulu Minyak dan Gas Bumi.
3. Hasil penelitian dan penilaian kemampuan usaha penunjang Migas meliputi aspek legal (status usaha dan finansial), teknis (kemampuan produksi dan sistem manajemen), jaringan pemasaran dan layanan purna jual.

Dengan ini memberikan Surat Kemampuan Usaha Penunjang (SKUP) Migas kepada :

Nama Perusahaan : **PT. MIR ENGINEERING**
Alamat : **The Icon Business Park Block S No. 7 BSD City Tangerang Banten, Tangerang, Banten**
Penanggung Jawab : **ALOYSIUS SIGIT HARONO (KOMISARIS)**

sebagai perusahaan penunjang migas yang telah mampu memproduksi jasa dalam negeri :

Hasil Produksi : **Jasa Non Konstruksi : Inspeksi Teknis Dan Pengujian Teknis (Pengujian Teknis)**
(data resume dan spesifikasi terlampir)

Rating Perusahaan : **★★★★★**
Dengan ketentuan dan catatan sebagai berikut :

1. Perusahaan wajib memenuhi spesifikasi teknis, standar dan TKDN sebagaimana tercantum dalam lampiran SKUP Migas ini.
2. Perusahaan wajib meningkatkan capaian TKDN barang dan / atau jasa hasil produksinya.
3. Perusahaan wajib menyampaikan laporan setiap 6 (enam) bulan sekali dan atau apabila ada perubahan data dan informasi dalam SKUP Migas ini kepada Direktorat Pembinaan Program Migas
4. Direktorat Jenderal Minyak dan Gas Bumi akan melakukan evaluasi melalui pemeriksaan lapangan secara berkala terhadap perusahaan / perseorangan pemegang SKUP Migas.
5. Apabila dalam pelaksanaan usaha terbukti tidak memenuhi ketentuan yang berlaku, Direktorat Jenderal Minyak dan Gas Bumi akan memberikan sanksi sampai dengan pencabutan SKUP Migas ini.

Dikeluarkan di Jakarta
Pada tanggal 13 September 2022
a.n. Direktur Jenderal Minyak dan Gas Bumi
Direktur Pembinaan Program Migas



Ir. Mustafid Gunawan, M.E.
NIP. 196509081992031001



KEMENTERIAN ENERGI DAN SUMBER DAYA MINERAL
LEMBAR PENGESAHAN

Dokumen ini disahkan oleh Kementerian Energi dan Sumber Daya Mineral Republik Indonesia dengan menggunakan tanda tangan digital.

This Document approved by the Ministry of Energy and Mineral Resource of the Republic of Indonesia with digital signature.

Kepada (To)
PT MIR ENGINEERING
Ruko ICON BUSINESS PARK Blok S nomor 7 Bumi Serpong Damai City
Jenis Perizinan (Licensing Type)
Registrasi Usaha Penunjang Panas Bumi Bidang Usaha Jasa Non-Konstruksi
Perpanjangan/Perubahan
Registered Geothermal Service Company

Jakarta, 28 Desember 2022

Dilandatangani secara elektronik oleh:
Direktur Panas Bumi
Harris, S.T., M.T.



Validasi terhadap dokumen secara digital dapat dilakukan dengan mengunjungi website
pertizinan.esdm.go.id
Digital validation of this document could be done by visiting pertizinan.esdm.go.id

Catatan:
1. UU ITE No. 11 Tahun 2008 Pasal 5 Ayat 1 "Informasi Elektronik dan/atau Dokumen Elektronik dan/atau hasil cetaknya merupakan alat bukti hukum yang sah"
2. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan BSRF





ASNT Corporate Partner

The American Society for
Nondestructive Testing, Inc.
recognizes

MIR Engineering

as a Corporate Partner of this Society.

Dedicated to the development and perpetuation of the highest
standards of professional service and efficiency in the field
of nondestructive testing, ASNT® exists to create a safer world.

John J. Blythe
Interim Executive Director

April 1, 2014
Date



TUV NORD
Indonesia

CERTIFICATE

Management System as per
ISO 9001 : 2015

In accordance with TUV NORD Indonesia procedures, it is hereby certified that

PT. MIR ENGINEERING
Ruko ICON Business Park Blok S No. 7 BSD City,
Tangerang, 15345 Banten – Indonesia

MIR ENGINEERING

applies a management system in line with the above standard for the following scope

**Technical Inspection and Certification Services in Oil & Gas,
Petroleum and Others Industry**

Certificate Registration No. 16.00 H 14129
Audit Report No. L1414129/2020

Valid until 2023-08-05
Initial Certification 2014-08-06

TUV NORD Indonesia
TUV NORD Group

[Signature]

Jakarta, 2020-07-16

This certification was conducted in accordance with the TUV NORD Indonesia auditing and certification procedures and is subject to regular surveillance audits.

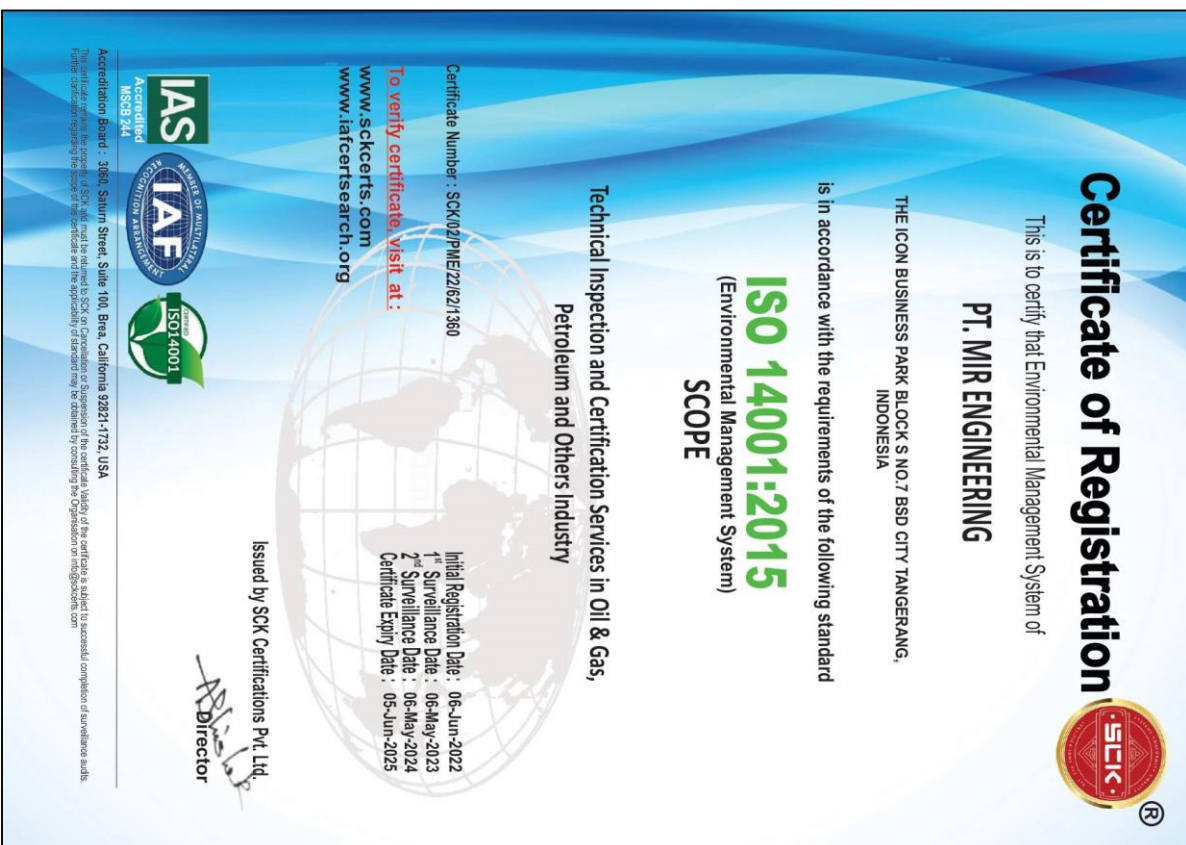
PT TUV NORD Indonesia, Arusa Green Park, Tower F, 6th floor, Jl. Let. Jend. T.B. Simatupang Kav. 88, Jakarta Selatan 12520

KAN
KONFORMITAS

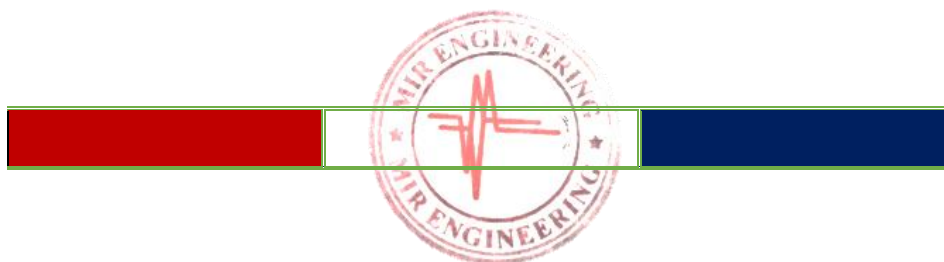
IAF
INTERNATIONAL
ACCREDITED

ID 14108 RC





Personnel Certificate





Lifting Equipment Engineers Association

LEEA Academy Advanced Programme

This is to certify that

Jonly Roger Konhadt

passed the Association's assessment

in the subject of

Offshore Container Examination Advanced Programme

held on 20 April 2022

LEEA recommend that this programme is refreshed every 3 years



[Signature]

Chair

[Signature]

Chief Examiner

CPD
MEMBER
The CPD Certification Service

Certificate: 018901-FC8A720A1D-20220420

The Lifting Equipment Engineers Association is a technical trade association based in the United Kingdom



Lifting Equipment Engineers Association

LEEA Academy Advanced Programme

This is to certify that

Jonly Roger Konhadt

passed the Association's assessment

in the subject of

Lifting Equipment General Advanced Programme

held on 20 September 2019

LEEA recommend that this programme is refreshed every 3 years
with Credit



The Lifting Equipment Engineers Association is a technical trade association based in the United Kingdom

Chairman

Chief Examiner

City & Guilds | Accredited Programme

Candidate Number: CZK5907

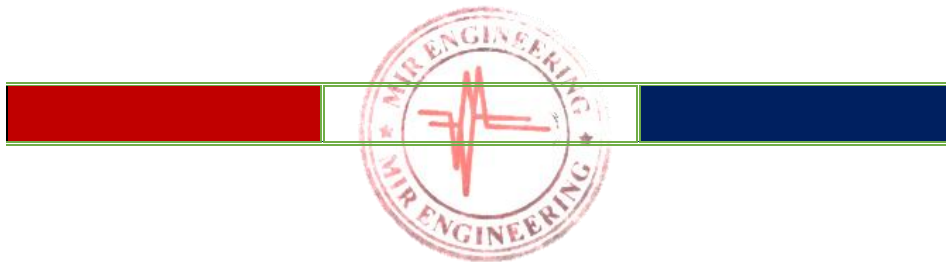
Date of Birth: 19 July 1980

Certificate: 018901-C421882225-20190920



Proof Load Report, Cyclic Test, Photograph Test & Certificate of Inspection

Certificate of Inspection, Report of Thorough Examination and Visual Report



CERTIFICATE OF INSPECTION

Sertifikat Hasil Inspeksi

No. MIR.02/9969/III/24

This is to certify that the equipment described herein has been inspected, examined & tested:

Customer	: CV. PEWALI
Equipment Description	: JUMBO BAG 4 LOOP
Unit Serial No	: PEWALI-JB2T-01
Dimensional	: 900 X 900 X 900 (mm)
SWL/Capacity	: 2,000 Kg
Proof Load Applied	: 2,500 Kg
Cyclic Test	: 2,500 Kg
Manufactured by	: CV. PEWALI
Year Built/Used	: March 2024
Type	: Tubular Sling Top Duffle Close Bottom
Standard Reference	: EN 1492-1/ ISO 21898
Place of Inspection	: Jakarta, Indonesia
Date of Inspection	: March 20 th 2024

The Inspection consisted of:

1. Review Document (C.O.A)
2. Visual Inspection and Observation
3. Dimensional Measurement and Thorough Examination
4. Proof Load Test Implementation
5. Cyclic Test Performance

We hereby certify that the Products and or service detailed herein have been tested in accordance with the conditions and test requirements of the purchase order and unless otherwise noted confirm in all respect that the procedures followed are in accordance with industry recognized standards for this type of equipments and will perform as intended



Jakarta, March 20th 2024

PT. MIR ENGINEERING

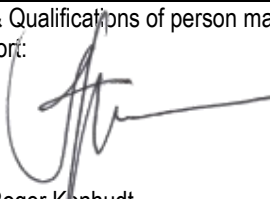


I Kade Suartana
Technical Manager

REPORT OF THOROUGH EXAMINATION LIFTING EQUIPMENT

This report complies with the Lifting Equipment Engineers Association Technical requirements

Date of Examination: March 20 th , 2024	Date of Report: March 20 th , 2024	Report number: JKT/001/20/III/24
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Name and Address of employer for whom the thorough examination was made: CV. PEWALI Jl. Sumur Binong No.3, RT.001/RW.013, Jatirangga, Kec. Jatisampurna, Kota Bks, Jawa Barat 17434		Address of premises at which the examination was made: Jakarta, Indonesia	
Identification Number: PEWALI-JB2T-01	Capacity/ SWL:	Date of manufacture	Date of last thorough examination:
Description and identification of the equipment: JUMBO BAG 4 LOOP Type : Tubular Sling Top Close Bottom Dimensional : 900 X 900 X 900 (mm) Proof Load Test : 2,500 Kg Ref Standard: EN 1492-1 / ISO 21898	2,000 Kg	March 2024	-
Is this the first examination after installation or assembly at a new site or location?	YES ☒ NO ☐	Was the examination carried out;	
If the answer to the above question is YES has the equipment been installed correctly?	YES ☒ NO ☐	Within an interval of 6 months?	YES ☒ NO ☐
		Within an interval of 12 months?	YES ☐ NO ☒
		In accordance with an examination scheme?	YES ☒ NO ☐
		After the occurrence of exceptional circumstances?	YES ☐ NO ☒
Identification of any part found to have a defect which is or could become a danger to persons and a description of the defect: None			
Is the above a defect which is of immediate danger to persons		YES ☐	NO ☒
Is the above a defect which is not yet but could become a danger to persons: None		YES by:	
Particulars of any repair, renewal or alteration required to remedy the defect identified above: None			
Particulars of any tests carried out as part of the examination: Visual Inspection, Dimensional Measurement, Proof Load Implementation, Cyclic test, Thorough Examination			
IS THIS EQUIPMENT FIT FOR PURPOSE?		YES ☒	NO ☐
Name & Qualifications of person making this report:  Jonly Roger Kpnhudt LEEA INSPECTOR Reg#18901	Name of person authenticating this report:  I Kade Suartana TECHNICAL MANAGER	Latest date by which next thorough examination must be carried out: September 20 th , 2024	
Name and address of employer of persons making and authenticating this report: PT.MIR Engineering The Icon Business Park Block S No.7, BSD City, Tangerang, Indonesia 15310 Telephone +62 21 40000270 Fax +62 21 40000276			

JUMBO BAG INSPECTION REPORT										Date of Inspection : March 20 th 2024							
										Report No. : JKT/001/20/III/24							
										Procedure No. : MIR.2.SOP							
Project Name : Jumbo Bag Inspection										Place/Location : Jakarta, Indonesia							
Customer : CV. PEWALI										Acceptance Criteria: ☒ BS EN 1492-1 ☒ ISO 21898							
Description : JUMBO BAG 4 LOOP																	
Serial Number : PEWALI-JB2T-01																	
Dimensional : 900 X 900 X 900 (mm)																	
Safe Working Load /Cap : 2,000 Kg																	
Proof Load : 2,500 Kg																	
Qty : 1 Unit																	
Inspection Method										☒ Proof Load Test ☒ Cyclic Test ☒ Visual Inspection							
Type Construction										☐ One Way Sling (Endless) ☐ Double Way ☒ Eye to Eye							
Web Sling Condition										☐ Broken Yarns ☐ Stretch ☐ Burn & Mildew ☒ Brand New							
Scope of Examination										☒ Yarns and Stitching ☐ Part Legs ☐ Other							
										☐ Edge Preparation ☐ Repair ☒ Along Sling Bag Area							
Type of Loop Eye										☐ Single Eye ☐ Folded Eye Type Measurement: Calipers ☐ Visible ☐ Fluorescent Calibration: Yes							
Safety Factor										☒ 5:1 ☐ 6:1 ☐ 7:1							
Type of Finish Material : Polypropylene										Surface Temperature: Ambient							
Area of Interest	Size (mm)		Interpretation Actual Dimensional Check (mm)												Remark		
			Master link & Int.Med (mm)						Thimbles (mm)			Ferrules (mm)					
Serial No	Dia	H	A	B	C	D	E	F	B	C	L	D1	D2	L1	L2		
PEWALI-JB2T-01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ACC
VISUAL ACC Fig 1: Jumbo Bag SN. PEWALI-JB2T-01																	
Type Indication : LI = Linear Indication RI = Rounded Indication																	
Inspected by					Reviewed/Approved by					TEST RESULT							
 JONLY ROGER KONHUDT LIFTING INSPECTOR					 I KADE SUARTANA TECHNICAL MANAGER					Visually The Structure Are In Good Condition. During The Visual Inspection No Indication Found on Inspected Area/ Acceptable Next Inspection: September 20th, 2024							

CERTIFICATE OF PROOF TEST AND EXAMINATION

CERTIFICATE NO	MIR.02/9969/III/24
CUSTOMER	CV. PEWALI
ADDRESS	Jl. Sumur Binong No.3, RT.001/RW.013, Jatirangga, Kec. Jatisampurna, Kota Bks, Jawa Barat 17434
DATE OF TEST	March 20 th , 2024
PLACE OF TEST	Jakarta, Indonesia
MANUFACTURED BY	CV. PEWALI
CUSTOMER ORDER NO	-
MIR JOB ORDER NO	-

TEST DETAIL				
QTY	DESCRIPTIONS	I.D/ SERIAL NO	PROOF LOAD APPLIED	SWL/CAPACITY
1 Unit	JUMBO BAG 4 LOOP Dimension: 900 X 900 X 900 (mm)	PEWALI-JB2T-01	2,500 Kg	2,000 Kg

INSPECTION/ TESTS	
The unit was Load tested using calibrate weight blocks. The Cycle test was recorded from reference a ISO 21898 standard stensile of Link hand-held display 12 tonf rated SWL Monitoring and indicator Type: Zemic BM 146-C3-50t-20B-SC manufactured by MSE and calibrated on August 25th, 2023 complete with certificate No. CC-23.09-0115 third party by PT. Multi Solusi Enjineering The unit observed to be intact during cyclic tested loading without any abnormal sound, crack, distortion, bent and no significant defect during and after test 15 times repetition is complied.	
REMARKS	
All lifting point are visual inspection result passed This Equipment is fit for its intended use	
The above items have been subjected to test and visual examination and at the time of examination were found to be free of visual defect, flaws or other defects likely to affect the safe use of the equipment(s) mentioned above. Next Inspection: September 20th, 2024	I hereby certify on behalf of Inspection that the particulars recorded in this document are correct by PT.MIR ENGINEERING    I Kade Suartana Technical Manager

CERTIFICATE OF CYCLIC TEST AND EXAMINATION

CERTIFICATE NO	MIR.02/9961/IX/23
CUSTOMER	CV. PEWALI
ADDRESS	Jl. Sumur Binong No.3, RT.001/RW.013, Jatirangga, Kec. Jatisampurna, Kota Bks, Jawa Barat 17434
DATE OF TEST	March 20 th , 2024
PLACE OF TEST	Jakarta, Indonesia
MANUFACTURED BY	CV. PEWALI
CUSTOMER ORDER NO	-
MIR JOB ORDER NO	-

TEST DETAIL				
QTY	DESCRIPTIONS	I.D/ SERIAL NO	CYCLIC TEST APPLIED	SWL/CAPACITY
1 Unit	JUMBO BAG 4 LOOP Dimension: 900 X 900 X 900 (mm)	PEWALI-JB2T-01 (Prototype)	2,500 Kg	2,000 Kg

INSPECTION/ TESTS	
The unit was Load tested using calibrate weight blocks. The Cycle test was recorded from reference a ISO 21898 standard stensile of Link hand-held display 12 tonf rated SWL Monitoring and indicator Type: Zemic BM 146-C3-50t-20B-SC manufactured by MSE and calibrated on August 25th, 2023 complete with certificate No. CC-23.09-0115 third party by PT. Multi Solusi Enjineering The unit observed to be intact during cyclic tested loading without any abnormal sound, crack, distortion, bent and no significant defect during and after test 15 times repetition is complied.	
REMARKS	
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The above items have been subjected to test and visual examination and at the time of examination were found to be free of visual defect, flaws or other defects likely to affect the safe use of the equipment(s) mentioned above. Next Inspection: September 20th, 2024	I hereby certify on behalf of Inspection that the particulars recorded in this document are correct by PT.MIR ENGINEERING  I Kade Suartana Technical Manager 

PICTURE OF PROOF LOAD & CYCLIC TEST

Customer	: CV. PEWALI
Description	: JUMBO BAG 4 LOOP
ID No	: PEWALI-JB2T-01
Dimensional	: 900 X 900 X 900 (mm)
SWL/Capacity	: 2,000 Kg
Proof Load Test	: 2,500 Kg
Cyclic Test Attempt	: 2,500 Kg
Manufactured by	: CV. PEWALI
Type	: Tubular Sling Top Duffle Close Bottom
Location of Load Test	: Jakarta, Indonesia
Date of Load Test	: March 20 th , 2024
Standard Reference	: EN 1492-1/ ISO 21898



Figure1. Proof Load and Cyclic test Performance

Signature

Load Cell Operated By: Suryadi

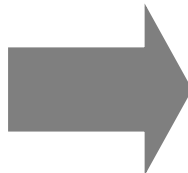
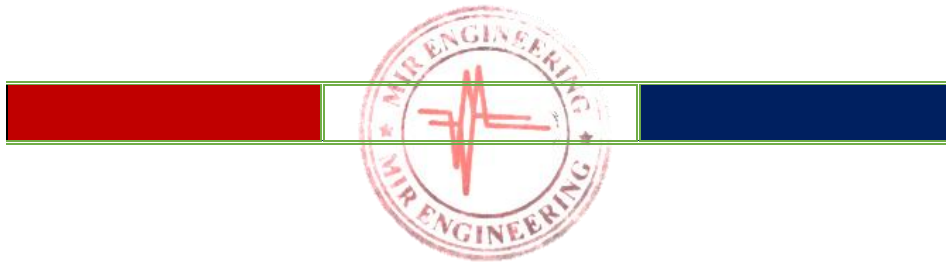


Figure 2. Reading actual Load test 2,500 Kg on digital load monitor.

Holding Time 5 Minutes "Passed"
Cyclic test is performed by 15 times repetition is complied

Signature

Certificate of Analysis & Ref DWG:





PT Inti Abadi Kemasindo

MANUFACTURING OF POLYPROPYLENE BAG AND GEOTEXTILE, PP LAMINATION FABRIC,
PP SANDWICH LAMINATION AND CEMENT BAG / PP SANDWICH BAG AND JUMBO BAG
KP. MUKARA - CITEUREUP - CITEUREUP - BOGOR 16810 - JAWA BARAT
TELP. : (021) 8752544 - 8754902 FAX : (021) 8752542

CERTIFICATE OF ANALYSIS

Order : PT. PRASADHA PAMUNAH LIMBAH INDUSTRI
Woven Type : JWRT 180 cm / 12.14.5 / 1500.1700 D
Color : White

NO	SPECIFICATION	UNIT	STANDARD	RESULT ACCORDING TO SAMPLE	REMARKS
I.	MATERIAL		POLYPROPYLENE WITH UV STABILIZER	POLYPROPYLENE WITH UV STABILIZER*	
II.	WOVEN CLOTH				
II.1	Weight	Gr / Sq.M	Min.180.97	187.40	SNI 19-4957
II.2	Tensile Strength	kN / 5 Cm			
	Warp		Min. 1.65	1.76	
	Weft		Min. 1.90	2.37	
	Reinforce		Min. 2.50	3.46	
	Elongation	%			
	Warp		20 - 30	24.81	
	Weft		20 - 30	24.35	
	Reinforce		20 - 30	27.91	
II.3	Color		White	White	

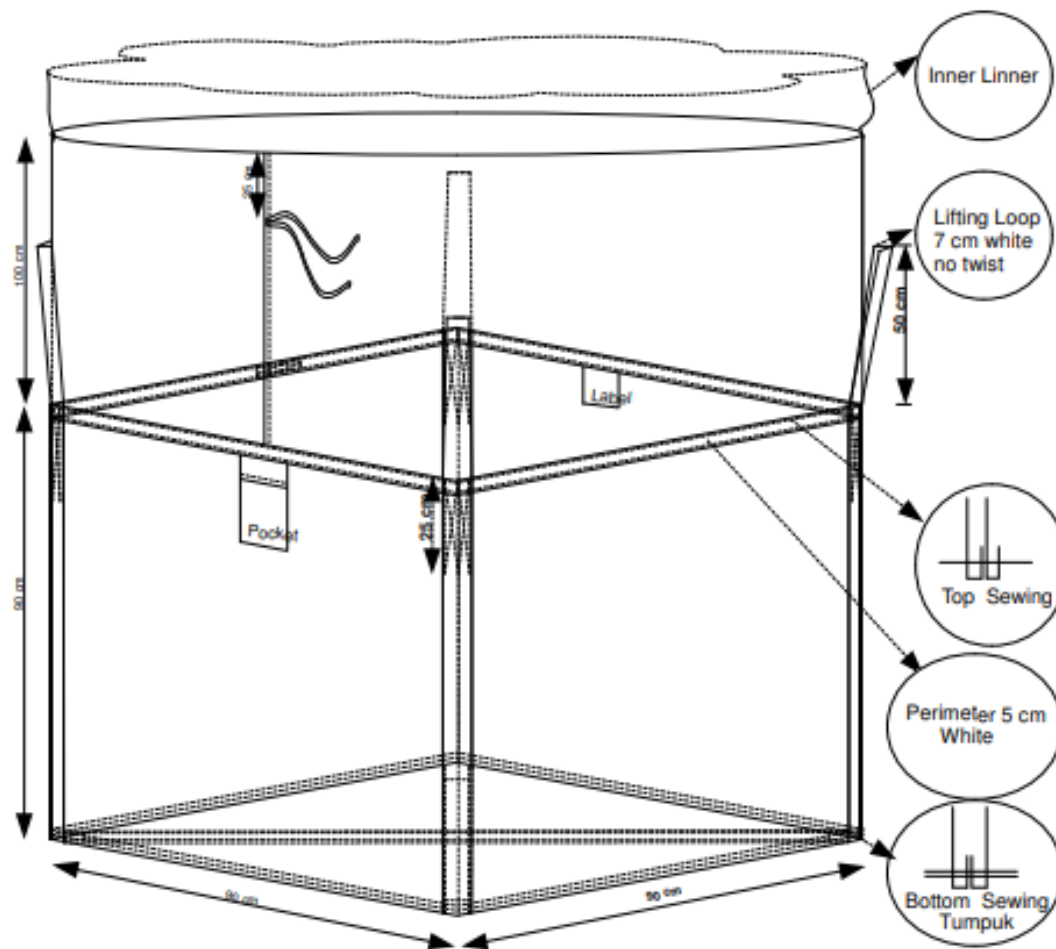
Citeureup, 06-Sep-23

Prepare by,



ARTWORK PRASADA PAMUNAH LIMBAH INDUSTRI

Customer : PT.PPLI
Ref :
Type : Tubular Sling Top Duffie Close Bottom
Size Bag : 90 x 90 x 90 cm
Top Duffie : 100 cm
Disch : Close Bottom
S.W.L : 2000 kg
Colour : White/Uncoated
Berat : kg



Note:
Bag pakai inner : 185 x 250 cm x 50 micron

Drawing	Checked	Approved	Approved
 24/06/2020			
M. Nasim		Wiwi.W	
Production	Kasie QC	Kasie Jumbo Bag	Customer



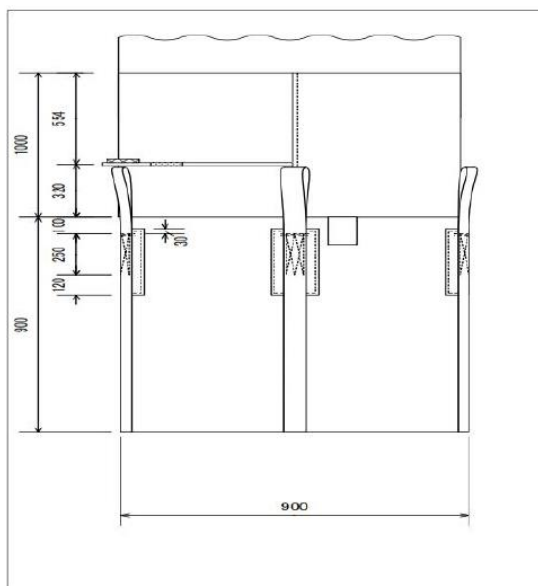
CV. PEWALI

Jl. Sumur Binong 3, RT.001/RW.013, Jatirangga, Kec. Jatisampurna, Bekasi, Jawa Barat 17434,
Telp : +62816-1100-484

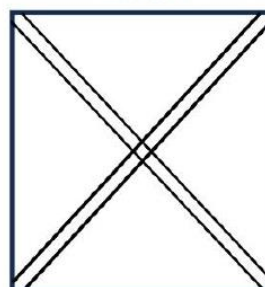
Spesification

Bag Type	: PPL-0224-P008 (Jumbo Baru)
Type	: 4 Side Sewing, Inlet Spout/Lebar, Bottom Flat/Close, Sling Belt, No. Laminasi, Inner Liner, Label ID Vendor
Size	: 90 x 90 x 90 cm
Woven Bag	: Color White
Inner Liner	: 180 x 250 Cm (70 Mic)
SWL	: 2000 Kg
Contain	: Limbah / Lumpur
MOQ	: 2000 Pcs/Month
Label	: Note Vendor/Identitas Vendor

Drawing/Gambar



Bottom





CV. PEWALI

Jl. Sumur Binong 3, RT.001/RW.013, Jatirangga, Kec. Jatisampurna, Bekasi, Jawa Barat 17434,
Telp : +62816-1100-484

Certificate Of Analisis (COA)

	CERTIFICATE OF ANYLISIS (COA)	FORM : COA-CVP-QCR-FR36
		REVISI : 0
		TANGGAL : 20 FEBRUARI 2024

CUSTOMER PT. PPLI	PLANT SITE BOGOR	DATE 20 FEBRUARI 2024
----------------------	---------------------	--------------------------

PRODUCT NAME	FIBC BAG		
ITEM	Test		
QTY	1	Manufacture Date	20 FEBRUARI 2024
No. Lot	1	Inspection Date	20 FEBRUARI 2024
No. Bag	24-02-008		
Production Factory Name			
Purchase Order No.	test		
Expire Date	20 MARET 2024		
MATERIAL NO.			

DESCRIPTION		UNIT	STANDARD SPECIFICATION	RESULT	CONDITI ON	
B O D Y	Size	mm	900 x 900 x 900	900 x 900 x 900	Pass	No
	Material		PP 1800D	PP 1800D	Pass	No
S P O U T	Filling Spout Size	mm	-	-	Pass	No
	Discharge Spout Size	mm	-	-	Pass	No
	Material				Pass	No
I N N E R	Height	Inside			Pass	No
	Body Size	mm	-			
	Over all	mm				
	Width	Width	mm	-		
	Body Height	mm	-		Pass	No
	Size Length	mm	-		Pass	No
L I N E R	Filling Spout Size		-		Pass	No
	Discharge Spout Size		-		Pass	No
	Thickness	micrometer	MIC	MIC	Pass	No
	Material	-	LLDPE	LLDPE	Pass	No
	Tensile Strength Material	Kgf/50mm	-	-	Pass	No
	Electrical Resistance	Outer Bag Inner Liner	kΩ kΩ	- -	Pass Pass	No No
APPEREANCE		-	NO DIRTY, NO DAMAGE	NO DIRTY, NO DAMAGE	Pass	No
ODOR TEST		-	NO ODOR	NO ODOR	Pass	No
CONTAMINATION	Foreign Material	-	FREE	FREE	Pass	No
	Metal detector	-	NO CONTAMINATION	NO CONTAMINATION	Pass	No

PREPARED BY	APPROVED BY
Saifulloh	Tommy Irawan
QC FIELD	QA/QC