



**KALIMUTU**

**PT.  
KALIMUTU  
MITRA  
PERKASA**

Sustainable Company in  
Engineering & Construction

# Engineering and Construction

ISO 9001; ISO 45001; ISO 14000

Welcome to

## PT. **K**ALIMUTU MITRA PERKASA

We are a Mechanical Construction Company established in the year 2007. It is the brain child of Mr Made Suastika who is an Post Graduate in Fire & Safety. In 15 years of its existence, **KALIMUTU** has completed more than hundred projects in every industry sector and across Indonesia. We have undertaken projects of reputed Indonesian and Foreign companies and executed tailor made mechanical EPC (Engineering, Procurement, Construction) jobs on a turnkey basis.



**KALIMUTU**

# KALIMUTU

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## Vision

We will be a torchbearer EPC mechanical contractor in the field of fire protection systems, utility process piping, plumbing systems and HVAC with related engineering, procurement and execution. An impeccable result oriented service with a smile is our goal.

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## Mission

We aim to expand our horizon by leveraging our rich experience and a strong support from a technically competent and committed team that never loses its focus on quality, safety and timely delivery of projects.

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## We Stand Apart

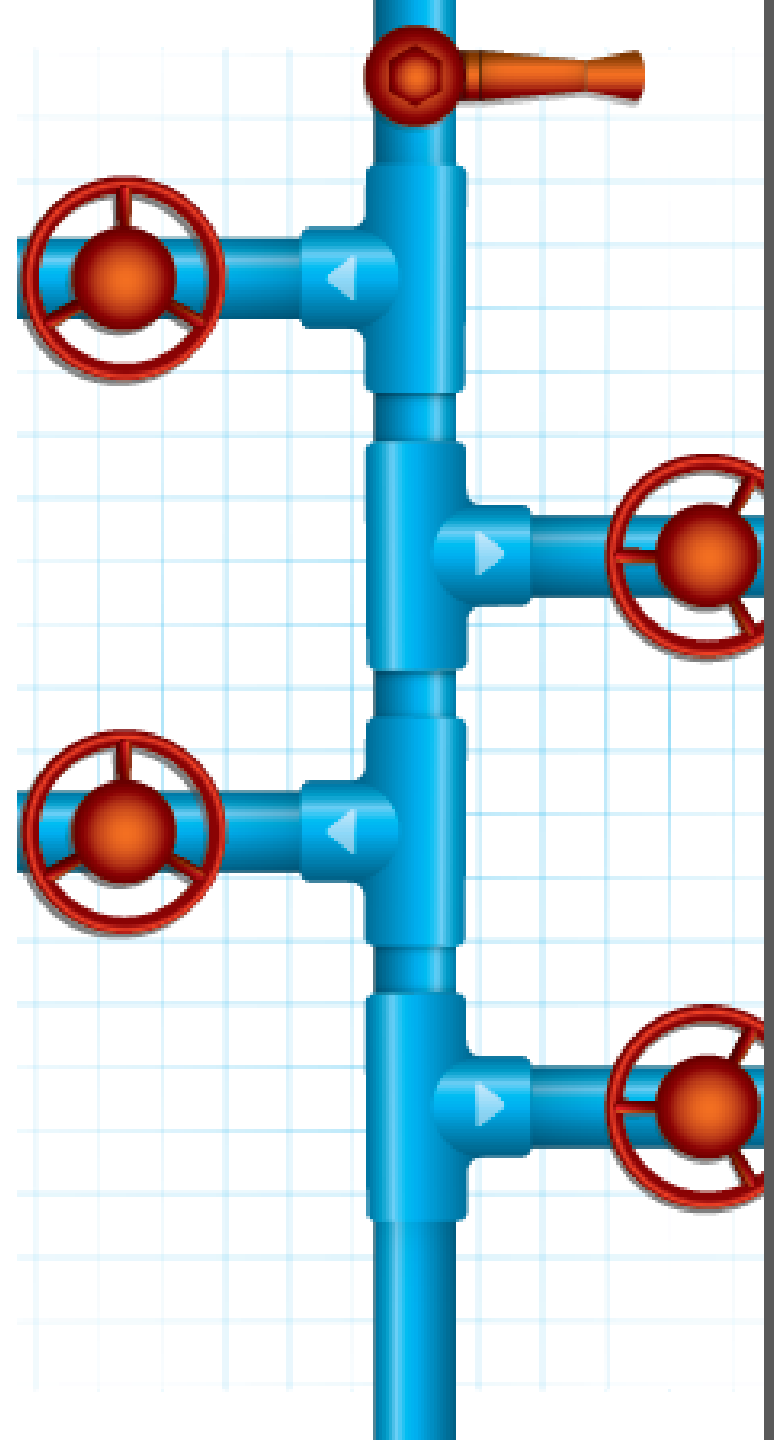
- Honoring commitments
- Timely completion of projects
- Team: Our backbone is a team of highly professional and experienced Managers, Engineers, Technical and Non-Technical staff. The diverse portfolio of our services ensures that clients are benefited from our one stop shop.

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## Quality

No compromise on quality is our way of conducting business. We maintain consistency of quality in all the aspects; whether it is in relation to the projects, in-house activities, clients or while dealing with external agencies.

“Responsiveness without delays is our success mantra”. Our ultimate goal is customer satisfaction at every level; from enquiry to feedback.





KALIMUTU

About

**KALIMUTU**

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Resources

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Service

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Achievement

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Social Responsibility



# THE MANAGEMENT

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President Commissioner	: Dinda Sri Mintarsih
Commissioner	: We Tie
President Director	: Made Suastika
Operational Director	: Denny Jaya
Finance Director	: Yen Yen
Business Unit 1 Director	: Ni Luh Chandra Maha
Business Unit 2 Director	: Chrisensia Wulandari



# KALIMUTU

Integrated Digital Management System

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Kalimutu fully digitally management system,  
cloud system

- ❖ Human Resources Management by Talenta
- ❖ Finance & Sales Management by Jurnal ERP
- ❖ Project Management by Tomps





# Our TEAM



## ➤ Engineering Team

- Electrical lead by Hendi Suryadi
- Process Engineer lead by Made Suastika
- HVAC lead by Rizki Ridho Kuswara
- Fire Protection Specialist lead by Faisal Akbar
- Piping Specialist lead by Made Ardiyanto

## ➤ Project Team

- Operational Team lead by Denny Jaya
- Construction Team Data Centre lead by Iqbaldo Armen
- Construction Team Power & Energy lead by Andi Nofriyatno
- HSE Team lead by Syamsul Hidayat
- QAQC Team lead by Islachuddin Hidayat
- Cx Team lead by Welly Julian

## ➤ Engineering Software

- Process Simulation Software (CFD Simscale)
- Fluid Flow Analysis, Equipment Sizing and Costing Software
- Pipeline Management Design Software
- Fire Protection Software
  - Hydraulic Calculation for Clean Agent
  - Hydraulic Calculation Hydrant, Sprinkler, Spray Nozzle
  - Hydraulic Calculation CO2 System

ISO 45001 = 2018

# Certificate of Registration

This is to certify that compliance of Occupational Health & Safety Management System of

## PT. KALIMUTU MITRA PERKASA

Head Office:  
Sentra Latumenten Blok AA No.18  
Jl. Raya Latumenten Kav.50  
Jakarta 11460, Indonesia

Workshop:  
Kompleks Pergudangan Duta Niaga  
Kav. 9 CF Jurumudi Baru,  
Rawa Bokor, Tangerang

Has been assessed and found to conform the requirements of

### ISO 45001 : 2018

For the scope of activities :

**"Engineering, Procurement, Construction and Commissioning (EPCC) for Fire Fighting and Fire Alarm System"**

Certificate No. : RO91/JA/IC/2657 Issue Date : 01.06.2020  
JAS-ANZ Accreditation No : M4430310IC Valid Date : 31.05.2023



VRC INTERNATIONAL



# Certificate of Registration

This is to Certify that the Environmental Management System of :

## PT. KALIMUTU MITRA PERKASA

Head Office : Sentra Latumenten Blok AA No. 18, Jl. Raya Latumenten Kav. 50, RT. 009/001, Kel. Jelambar Baru, Kec. Grogol Petamburan, Jakarta Barat 11460, INDONESIA

Workshop : Kompleks Pergudangan Duta Niaga Kav. 9 CF Jurumudi Baru, Rawa Bokor, Tangerang, INDONESIA

has been independently assessed and is complying with the requirements of :

### ISO 14001:2015

This certificate is applicable to the following product or service ranges:

Engineering, Procurement, Construction and Commissioning (EPCC) for Fire Fighting and Fire Alarm System

1<sup>st</sup> Surveillance on or before : Feb, 23<sup>rd</sup>, 2022 Certificate No : 21032300127134K001  
2<sup>nd</sup> Surveillance on or before : Feb, 23<sup>rd</sup>, 2023 Date of Expiry : Mar, 22<sup>nd</sup>, 2024  
Recertification on or before : Mar, 22<sup>nd</sup>, 2024

Date of Issue: Mar, 23<sup>rd</sup>, 2021

Authorized Signatory



ISO 9001 = 2015

# Certificate of Registration

This is to certify that compliance of Quality Management System of

## PT. KALIMUTU MITRA PERKASA

Head Office:  
Sentra Latumenten Blok AA No.18  
Jl. Raya Latumenten Kav. 50  
Jakarta 11460, Indonesia

Workshop:  
Kompleks Pergudangan Duta Niaga  
Kav. 9 CF Jurumudi Baru,  
Rawa Bokor Tangerang

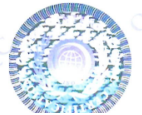
Has been assessed and approved to the requirements of

### ISO 9001 : 2015

For the scope of activities :

**Engineering, Procurement, Construction and Commissioning (EPCC) for Fire Fighting and Fire Alarm System**

Certificate No. : RQ91/JA/2657 Issue Date : 01.06.2020  
JAS-ANZ Accreditation No : M4430310IC Valid Date : 31.05.2023



LICENSE  
&  
CERTIFICATE

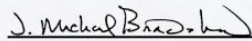


This certificate is presented to:

**Made Suastika**

To certify that the following training conducted by Next Knowledge,  
a division of Hughes Associates, Inc. has been completed to satisfaction:

**Commissioning Fire Alarm Systems**



J. Michael Bradshaw  
General Manager, Next Knowledge

Completed: 2013-06-10

(One Contact Hour)

CEU: 0.10



*is pleased to recognize*

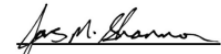
**Made Suastika**

*for successfully completing the training program*

**Deluge and Preaction Systems**

Awarded 0.10 ( 1.0 hours)  
Continuing Education Units  
August 26, 2012

Certificate ID: nfpa-madesuastika-5042-nfpa-madesuastika-90420c424b24e8d6a118ef98152b3601-42-2012-08-26



James M. Shannon  
President

LICENSE  
&  
CERTIFICATE

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The logo for the HSE Team features the text "HSE TEAM" in a white, serif font, centered within a dark blue, stylized leaf or petal shape. The shape is composed of several overlapping, rounded segments.

HSE TEAM

The logo for KALIMUTU features the word "KALIMUTU" in a bold, blue, sans-serif font. The letter "A" is stylized with a red accent on its left side.

KALIMUTU



Certified & HSE Master Plan

1. Safety Management System Disnaker
2. Safety Management System MIGAS
3. Working at High Certificate
4. HSE Manual for Construction
5. ISO 14000 & ISO 45001

No. 72.

**REPUBLIK INDONESIA**  
**KEMENTERIAN ENERGI DAN SUMBER DAYA MINERAL**  
**BADAN PENGEMBANGAN SUMBER DAYA MANUSIA ENERGI DAN SUMBER DAYA MINERAL**  
**PUSAT PENGEMBANGAN SUMBER DAYA MANUSIA MINYAK DAN GAS BUMI**  
**LSP "PPT MIGAS"**

**SERTIFIKAT KOMPETENSI KERJA**  
**KESELAMATAN DAN KESEHATAN KERJA**

Menerangkan bahwa :

nama : **M. SYAMSUL HIDAYAT**  
 nomor pokok : 7.004291.13  
 tempat dan tanggal lahir : LUVWUK, Agustus 12, 1982  
 perusahaan : **PT. KALIMUTU MITRA PERKASA**

Telah mengikuti dan dinyatakan lulus / kompeten dalam ujian sertifikasi Kompetensi Ker Keselamatan dan Kesehatan Kerja, tingkat : **PENGAWAS K-3**  
 Yang diadakan di : **CEPU**, tanggal 16 - 18 Mei 2017  
 Sertifikat ini berlaku sampai dengan tanggal Mei 18, 2021

Cepu, Mei 18, 2017  
 Kepala Pusat Pengembangan Sumber D  
 Minyak dan Gas Bumi  
 Selaku Ketua Dewan Pimpinan LSP "PI  
**WAKHID HASYIM**




di bawah tanda tersebut di bawah ini .

Nama : M. Syamsul Hidayat  
 Tempat tanggal lahir : Luwuk, 12 Agustus 1982

Yang merupakan karyawan dari **PT. Kalimutu Mitra Perkasa** di nyatakan lulus dan berhak mendapatkan sertifikat dari Kemnaker RI.

Sebagai informasi, surat keterangan ini dibuat dikarenakan hingga saat ini sertifikat sedang dalam proses penerbitan dari **KEMNAKER RI**. Surat Keterangan ini masih berlaku sampai diterbitkannya Sertifikat Asli dan Lisensi dari Kemnaker RI.

Demikian surat keterangan ini dibuat untuk dapat dipergunakan sebagaimana mestinya.

Jakarta, 31 Maret 2022

**SERTIFIKAT**

yang bertanda tangan di bawah ini menerangkan bahwa:

*M. Syamsul Hidayat*

Telah berperan secara aktif sebagai  
**PESERTA**

Dalam Seminar "Implementasi Peraturan Menteri Tenaga Kerja Nomor 05 tahun 2018  
 Tentang K3 Lingkungan Kerja"  
 yang diselenggarakan oleh PT Unilab Perdana pada tanggal 11 Juli 2019  
 Bertempat di Hotel Menara Peninsula, Jl Letjen S. Parman No.Kav 78 Slipi - Jakarta Barat

  
**M. Supandi, M.M**  
 Direktur Utama

**BNSP SERTIFIKAT**  
**KESELAMATAN DAN KESEHATAN KERJA**

(Health & Safety)

**JENIS/KELAS** : **PENGAWAS K-3 KESEHATAN DAN KESELAMATAN KERJA**

**Level** : **(Health & Safety)**

**NO. SERTIFIKAT** : **130003694202**

**Cert. Number** : **130003694202**

**BERLAKU** : **28-04-2021 s.d.**

**Validity** : **28-04-2021 s.d.**




# HSE TEAM

Certified HSE Team & Master Plan

Lead by Syamsul Hidayat

1. Safety Management System Disnaker
2. Safety Management System MIGAS
3. Working at High Certificate
4. HSE Manual for Construction
5. ISO 14000 & ISO 45001



Safety First

# HSE Manual & Procedure

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KMP-SMS2016-45001-SeA-001  
HSE Management System 2022

KMP-SMS2016-45001-SOP-002  
HSE Procedure For Construction





# Quality Assurance Quality Control



1. QAQC Manual Plan
2. Document Control Manual
3. Method Statemen Written Manual
4. Quality Inspection Check List
5. Quality System Form
6. The Member

# KALIMUTU





# QAQC TEAM

Lead by Islachuddin Hidayat

1. Document Control
2. NDT Certificate
3. Welding Inspector Certificate





# QAQC Plan and QC Manual

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KMP-QMS-9001-A-002

Mechanical-Electrical-and-Plumbing-Comprehensive\_Quality-Plan

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KMP-QMS-9001-B-001

Flowchart Document Control for Construction

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KMP-QMS-9001-B-002

Method of Statement Written

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KMP-QMS-9001-C-001

Quality System Forms

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KMP-QMS-9001-D-001

Quality Inspection Checklist

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# Our Services

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# Fire Protection System

We provide full spectrum solutions in the areas of Fire Safety, Fire Prevention, Fire Detection and Fire Suppression.

- Design and Build
- Fire Risk Assessment
- Water Base Fire Protection System
- Clean Agent Fire Protection System
- Water-Foam System
- CO2 System
- FM200 Refilling Station





# Piping System

2015 was the year when we started our Utility Process Piping division. We take care in every way possible to give the best EPC turnkey solution from designing to the commissioning of the system.

- 
- Pipe Stress Calculation
- 
- Welding and Installation
- 
- Welding Inspection
- 
- Non Destructive Test (X-Ray / PTC)
- 
- Coating Inspection
- 
- Pipe Layout Modeling (3D)
- 
- Hydraulic Flow Calculation Software





# HVAC With Piping System

Beginning 2019, We follow ASHRE, ISHRAE and energy efficient standards; as we design, supply and erection

- Design and Build
- Cooling Load Calculation
- Equipment Supply and Installation
- Air & Water Balancing System
- Energy Management System
- CFD Software
- HAP Series Software





# Commissioning and Inspection

- Room Integrity Test / Air Leak Test
- Air & Water TAB
- Duct Leak Testing
- Commissioning Support
- Manage Service Asset Protection
- Energy Management Service



# Commissioning Division

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Provide a project closeout by a integrated process commissioning system.

Commissioning not just a system testing, but a process since project award by contractor. Commissioning personnel shall be attending every step of project



## COMMISSIONING PLAN

PT. KALIMUTU MITRA PERKASA

COMMISSIONING DIVISION

# The Commissioning Level

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## Commissioning Plan

1. Cx Level 0 – Project Assessment, Planning & Preparation
  - Commissioning Design Review, Plan, Program and Kick off Meeting
  - Method of Statement
2. Cx Level 1 – Offsite Factory Testing & Delivery and Positioning Onsite
  - FAT Process, Procedure, Requirement
  - Red Certificate
3. Cx Level 2 – Installation QA/QC & Pre-Start Up “Dead Testing”
  - Installation Check, Pre-Start-Up
  - Yellow Certificate
4. Cx Level 3 – Start-up & Energization
  - Start-up and Energize Unit
  - Green Certificate

## Commissioning Plan

5. Cx Level 4 – Function Test
  - Blue Certificate
6. Cx Level 5 – Integrated System Testing
  - Script Development & Testing to the script
  - White Certificate
7. Cx Level 6 – Project Completion and Close-Out
  - Close-Out Report & Handover Document

# Cx TEAM

ALL PROJECT MEMBER HAVE

1. PROJECT KNOWLEDGE
2. EXPERIENCE
3. CERTIFIED TEAM





# Commissioning Activity







# Cx Activity

1. Room Integrity Test for Energy Saving or Fire Protection System
2. Air Flow Measurement
3. Testing Adjusting Balancing (TAB) System
4. Integrated System Testing (IST)





# Cx Activity

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1. Room Integrity Test for Energy Saving
2. Air Flow Measurement
3. TAB System

# Cx Report

## Air Leakage Test Report

In Compliance with ISO9972: 2015 – Europe



PT. Kalimutu Mitra Perkasa



Building Address: Jl. Industri III  
Lot MM-38  
KIIC Margamulya  
Karawang Barat, Teluk Jambe  
West Java  
Indonesia  
41361

Performed for: Pt. Tata Mulia Nusantara Indah

Performed by: PT. Kalimutu Mitra Perkasa  
Test date: 2022-04-22  
Associated Test file: ISO9972EU 2022-04-23 0213 Catcher Room 1  
Report Number: CGK-065-RIT-CATCHER ROOM 1  
Unique Property ID Number:

### Summary

<b>retrotec</b> FanTestic	version: 5.12.34	licensed to: PT. Kalimutu Mitra Perkasa
Test date: 2022-04-22	By: PT. Kalimutu Mitra Perkasa	
Customer:	Pt. Tata Mulia Nusantara Indah	
Building Lot Number:	CGK-065	
Building address:	Jl. Industri III Lot MM-38 KIIC Margamulya Karawang Barat, Teluk Jambe West Java Indonesia 41361	

Building and Test Information	
Test file name:	ISO9972EU 2022-04-23 0213 Catcher Room 1
Building volume [m <sup>3</sup> ]:	531.2
Envelope Area [m <sup>2</sup> ]:	410.6
Floor Area [m <sup>2</sup> ]:	78.1
Building Height (from ground to top) [m]:	6.8
Altitude [m]:	22.7
Accuracy of volume measurements:	5%
Accuracy of envelope area measurements:	5%
Accuracy of floor area measurements:	5%
Number of building storeys:	1

Results	
Air changes at 50 Pa, $n_{50}$ [1/h]	3.81
Air flow at 50 Pa, [m <sup>3</sup> /h]	2023.5
Air flow at 10 Pa, [m <sup>3</sup> /h]	1976.0
Specific leakage rate (envelope) at 50 Pa, [m <sup>3</sup> /h/m <sup>2</sup> ]	4.928
Specific leakage rate (floor) at 50 Pa, [m <sup>3</sup> /h/m <sup>2</sup> ]	25.903
Effective leakage area at 10 Pa, [cm <sup>2</sup> ]	1345
Specific effective leakage area (envelope) at 10 Pa, [cm <sup>2</sup> /m <sup>2</sup> ]	3.2801
Specific effective leakage area (floor) at 10 Pa, [cm <sup>2</sup> /m <sup>2</sup> ]	17.2





## Sertifikat Penghargaan

Penghargaan ini diberikan kepada:

**PT. Kalimutu Mitra Perkasa**

Atas prestasinya sebagai sub-kontraktor terbaik bidang HSE  
Project CGK-064 bulan Januari 2022

**Didik Metrajaya**

Project Manager CGK-064

# 2022 Achievement





# 2022 Achievement







2021

A young girl with dark hair, wearing an orange long-sleeved shirt and khaki shorts, stands in a room. She is holding a white certificate with both hands. The certificate has a logo at the top and some text, including 'PENGHIMPUNAN BANTUAN PENDIDIKAN' and 'PT. KALIMATI LUMUTRA TRANS'. The background shows a simple room with a white wall and a framed certificate.

Corporate Social Responsibility

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A middle-aged man with grey hair, wearing a dark t-shirt and denim shorts, sits on a blue mat on the floor. He is holding a white certificate. Behind him are several boxes of 'maktec' power tools, including a 'SIMPLE SOLID POWER' drill. The background shows a room with a white wall and a framed certificate.

Corporate Social Responsibility

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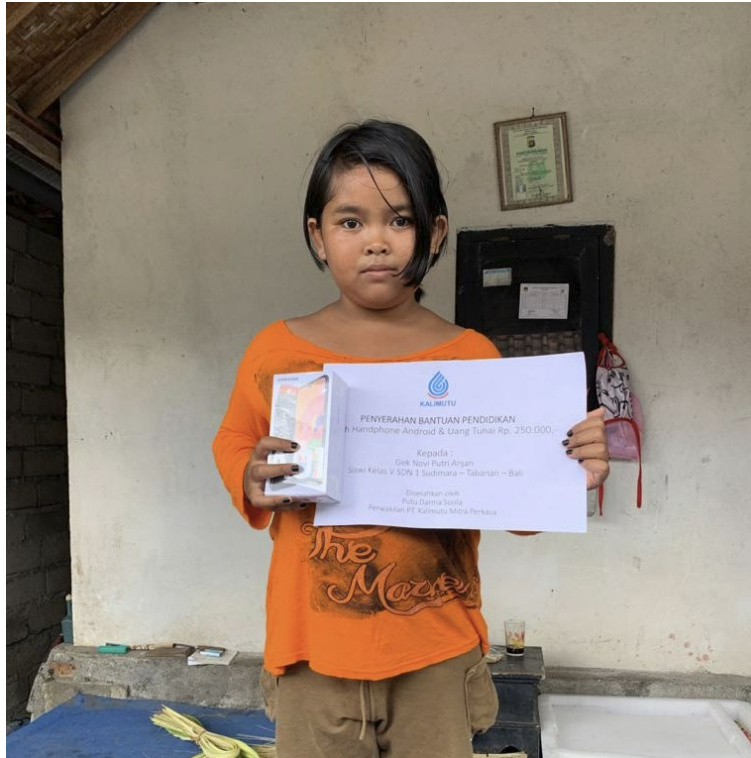


A healthcare worker in a bright green protective suit and mask is examining a patient sitting on a bench. Another person is sitting on a bench in the background. The setting appears to be a clinic or a community health center. There are posters on the wall, including one with a circular diagram and another with a bar chart. The floor is tiled.

Corporate Social Responsibility

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2022  
Education – Health – Business Capital Aid

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**KALIMUTU**

# PT. **KALIMUTU** MITRA PERKASA

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SUSTAINABLE COMPANY IN  
ENGINEERING AND CONSTRUCTION