

Trakindo Training Center Outline

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Foreword

Dear Customer,

As the authorized dealer of Caterpillar products in Indonesia, PT Trakindo Utama has been developing and providing its customers with the latest and upgraded technology in the field. As the result, expertise in the new technology and compatible engineering competency are highly required to achieve the success of our up-graded specifications product application. Along with the increasing awareness and a tighter regulation on environmental issues and emission, the use of our facilities and its maintenance has become a more complex subject.

In response, we have recently commissioned a new facility at our PT. Trakindo Training Center at Cileungsi. The center is specifically built for the development and the maintenance of Caterpillar 3500 series engines and 3600 series engine, including the 3508 marine installation. We have invested a lot of hard work in ensuring the availability of the facilities and the process of transferring our knowledge in technology to support our internal and also our valued customers' technicians. Today, we are also delighted to offer you the opportunity to utilize these facilities and to train and develop your personnel's service and technical skills.

Along with the provision of these machineries, we also have provided Hydraulic Excavator Simulator and its basic machine operation training program accessible for our clients. In the near future, we intend to add more simulators to our resources.

This profile will give you brief information on PT. Trakindo Training Center's purposes, programs and facilities. Attached is our additional list of our scheduled open courses, in addition to our custom tailored courses that are created based on your needs and expected outcomes.

We look forward to your future cooperation.

Best regards,

Training Center Cileungsi PT. Trakindo Utama

The Brief History Training Center of Trakindo

“Refresh your knowledge, learn new skills, and stay abreast of the latest developments in the industry”.

Located at Bogor, West Java, Indonesia, Cileungsi, PT Trakindo Training Center is the most advanced technology center of its kind in the Asia Pacific region. With the “5 Star Caterpillar Contamination Control” rate, The Training Center is designed to demonstrate the value of Caterpillar products that has been known as the world class product and a great support for PT Trakindo Utama. Since 1970, the training center has been providing programs to educate our own personnel along with our clients human capital in the development of caterpillar technology.



Jatiluhur Dam, Purwakarta 1970

Established soon after PT Trakindo Utama existed in 1970, the first PT Trakindo Training Center was located in the Jatiluhur Dam, Purwakarta, West Java. In this place, the first batch of PT Trakindo Utama mechanics was trained by international instructors.

In 1974 the training center was moved to the same location as PT Trakindo Utama Head Office located in Jakarta. Basic and advance training and workshops were centralized here. Field trainings are also provided in the location to familiarize students with the machine or engines used as training aids.

The rapid increase of operational demand and the shortage of skillful technicians in 1993, required PT Trakindo Training Center to create several crash programs on “Basic Mechanic” training. Hand in hand with the Labor Department, the trainings were conducted at CEVEST, Bekasi. In 1996, the Training Center moved and built its very own building and facilities at Cileungsi, Bogor – West Java.



TC Trakindo at CEVEST Bekasi 1993-1996



Training Center Cileungsi 1996

Started from September 1996, PT Trakindo Training Center all of the training’s activities have been moved and centralized at Cileungsi. At the same time, field trainings are also able to be held at PT Trakindo Utama branches or customer sites. Numbers of highly qualified and trained instructors have been employed, and the training centers have been developing its facilities and conducting workshops and the training programs until today. These programs are part of PT Trakindo Utama’s commitment to continue our internal and our customers human capital development.



■ **Vision:**

Establish a world class working & training environment which is recognized to induce learning, employee development and the highest standards of professionalism, ethics and performance excellence.

■ **Mission:**

Provide Training and Development to continuously Improve the effectiveness of Individuals Supporting Trakindo Products for Optimum Return on Investment. Increase Employee Value Through Integrated Development and Training Program.

Training Subject

As a Training Subject provider, Training Center Cileungsi has a role as designer, developer and conductor of training subject that delivered to all entity within the company. Most of the training subject is being focused to fulfill competency, skill and knowledge gap in product and technical aspect. Training subject for that purpose can be seen in the list below:

Training Center are structured into four major section which are:

- Machine Training Section
- EPG, Gas & Electronic Training Section
- Large Engine & Fundamental Training Section
- Marine Engine, Engine Rebuild, Operator & Customer Training Section
- Part, Soft Skill, Leadership & Business Process Training Section

No	Training Title
Fundamental Training	
1	Technical Core Skills
2	Fundamental Engine System
3	Fundamental Electric System
4	Fundamental Hydraulic System
5	Fundamental Power Train System
6	Basic Mechanic for Non Technician
7	Basic Mechanic for Administration Staff
8	Engineering Basic
9	Caterpillar Instructor and Assessor Program (CIAP)
Intermediate Training	
10	PC & Cat Software
11	Electrical and Electronic System
12	Undercarriage & GET (Technical)
13	Engine Rebuild
14	3500 Engine Rebuild
15	3600 Engine Rebuild
16	Intermediate Engine System
17	Intermediate Hydraulic System
18	Hydraulic Component Rebuild
19	Intermediate Power Train System
20	Power Train Component Rebuild
21	Engine Component Rebuild
22	Fuel System Component Rebuild
23	Heavy Equipment Maintenance Management
24	Power Generation Basic
25	Gas Engine Basic
26	Electrical Component Rebuild
27	Marine Basic
28	Marine Transmission
29	Air Conditioning
30	Auto Electrical Troubleshooting Method
31	Electronic Engine
32	Engine Performance Analysis
33	Engine Troubleshooting Method
34	Machine Troubleshooting Method
35	Electronic Technician Software
36	Equipment Management I
37	Heavy Equipment Lubricant
Advance Training	
38	Gas Engine Advance
39	Power Generation Advance
40	Marine Advance
41	Applied Failure Analysis 1 - Engine components
42	Applied Failure Analysis 2 - Machine components
43	VIMS (Caterpillar Vital Information Management System)
44	Sea Trial Process
45	Engine Health Analysis
46	Engine Performance Analysis
47	EPG Troubleshooting
48	3500 Diesel Engine Troubleshooting
49	3600 Diesel Engine Troubleshooting
50	Track Type Tractor Troubleshooting
51	Medium Hex 320D Troubleshooting
52	OHT 777D Troubleshooting
Product Training	
53	Sullair Compressor
54	Sykes Pump
55	GEP22-2 Olympian Product Service Training
56	Cat Lift Truct - CA Series Product Service Training
57	CDVR_EMCP3_PL1000
58	D3K XL Small TTT NPI Service Training
59	D10T TTT Product Service Training
60	M Series Motor Grader NPI Service Training
61	14 M Motor Grader NPI Service Training
62	14M MG Product Service Training
63	16M MG Product Service Training

- 64 320D Hex Product Service Training
- 65 385CL Hex Product Service Training
- 66 615C Series II WTS Product Service Training
- 67 773 B/D Machine Product Service Training
- 68 775F OHT Product Service Training
- 68 OHT 777 Maintenance & Familiarization Training
- 70 740 ADT Maintenance & Familiarization Training
- 71 740 ADT Product Service Training
- 72 Forwarder 574 NPI Service Training
- 73 Forklift Kaldness V9000 Product Service Training

Customer Training

- 74 Diesel Engine Maintenance (DEM)
- 75 Diesel Engine Electric Set Operation & Maintenance (DESOM)
- 76 Heavy Equipment Maintenance
- 77 Heavy Equipment Maintenance Management
- 78 Gas Engine Electric Set Operation & Maintenance (GESOM)
- 79 Mechanical Awareness
- 80 Air Conditioning
- 81 Electronic Technician Introduction
- 82 Sykes Pump
- 83 Operator Training

- 84 3500 Marine Diesel Engine Maintenance
- 85 3600 Marine Diesel Engine Operation & Maintenance
- 86 Marine Diesel Engine Operation & Maintenance
- 87 Marine Electronic Engine
- 88 375H Sullair Air Compressor Maintenance Training
- 89 EMCP-2
- 90 Gas ADEM3
- 91 G3600 Series Product Service Training

Part Training

- 92 Part Induction I (PIN I)
- 93 Part Induction II (PIN II)
- 94 Basic Inventory
- 95 Basic Warehousing
- 96 Part Operation
- 97 Using Caterpillar Part Literature
- 98 Countersales
- 99 Advance Inventory
- 100 Advance Warehousing
- 101 Reman Inspector
- 102 GET & Undercarriage (PSM)
- 103 Hose Assembler
- 104 Custom Machine Engine System (CMES)
- 105 Undercarriage & CTS Inspection

AWARD

On 4 August 2008, PT. Trakindo Training Center received an international acknowledgement as the only and the first Caterpillar Training Facility and Dealer in the world who received 5 Star Award based on LCAT (Learning Capabilities & Assessment Tools) Accreditation. The award ceremony was held in Cileungsi Training Center. It was officially given by Ed Cullen from Caterpillar and was received by Mr. Bari Hamami from PT. Trakindo Utama.

In "Dealer Top Apprentice Award Program" (DTAP) held by the Australian Caterpillar in Melbourne, which was also attended by 6 Caterpillar dealers from Australia and New Zealand, Trakindo was able to gain great achievement on its first time experience attending the competition by having Galih, as the second winner in year 2008, and M. Ishaq, who successfully won the first place in 2009.



CORPORATE SOCIAL RESPONSIBILITIES

The cooperation program between PT Trakindo Utama and the educational sector has been prepared and carried out for a long time. The current cooperation programs are:

- The Department of Heavy Equipment at Politeknik Negeri Jakarta
- The Community College and TEDC Bandung which train the prospective technician from the community who will work for PT Trakindo Utama later

Cooperation between Training Center and Akademi Teknik Sorowako in organizing the PT. INCO Apprentice Training program

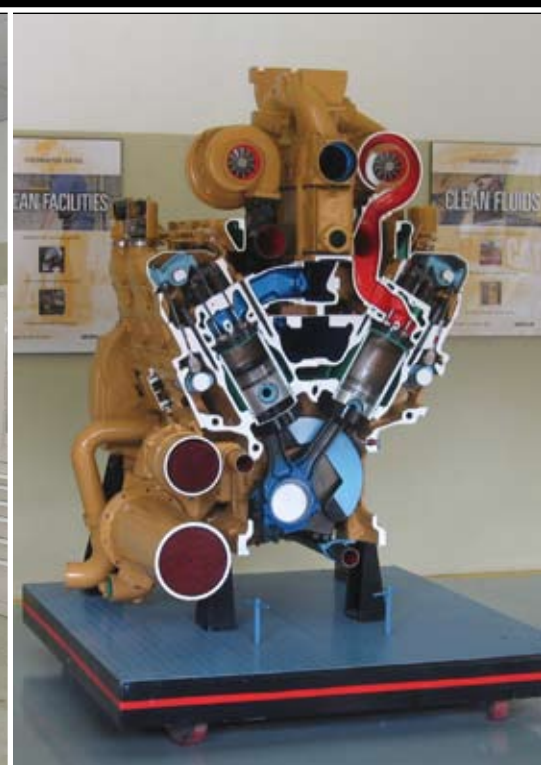
- Training and education cooperation with many technical high schools in many regions within Indonesia to disseminate knowledge in heavy duty equipment repair and maintenance.





Facilities :

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Classrooms

There are 9 standardized classrooms (including the AFA Laboratory) with the capacity of 8 trainees and 1 bigger classroom with the capacity of 20 trainees. Each classroom is equipped with video projector and LAN connection. Normal working hours for PT. Trakindo Training Center is 7AM – 8PM. However, additional study hour can be requested from the trainees to use the classroom after working hours

Applied Failure Analysis Laboratory

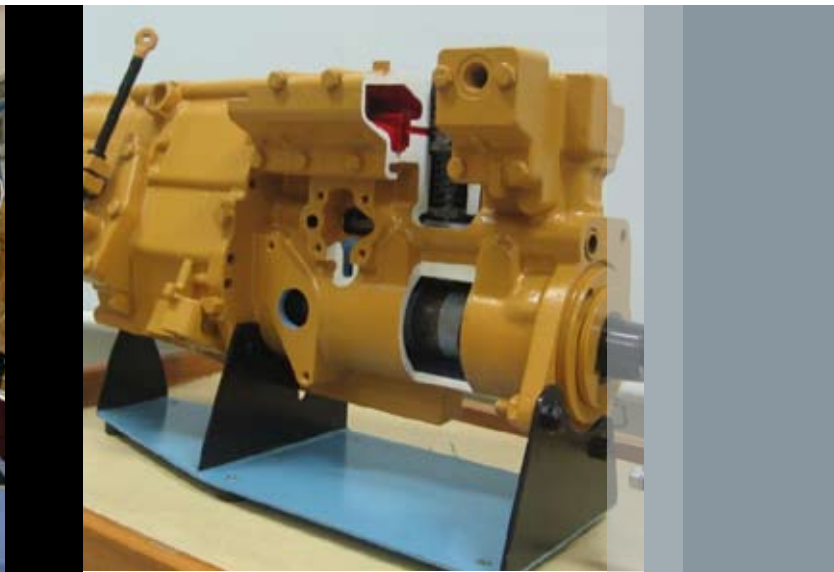
Applied Failure Analysis Laboratory is modified to enable students to analyze the core components of utilized machines. The class is equipped by components of storage rack and specifically designed to the use of "Proscope" tool application.

Machine Inspection Workshop

This workshop is dedicated for operator training program. In this workshop, trainees can perform machine inspection, maintenance procedure and cleaning the machine.



Training Resources

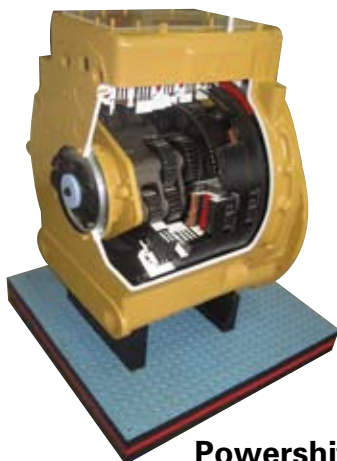


Training Aid Display Room

The Training Aid Display Room is a practice room to use the training aid display. Customized training aid such as, cut view, simulator, and scale model are designed, manufactured and displayed by PT. Trakindo Training Center to enhance the trainees' understanding on the subject learned. Different types of simulators are available at the Training Aid Display Room, starting from VIMS simulator, Electronic Engine Simulator, OHT simulator, EMS simulator, CMS simulator, to Cat MS Simulator. Various cut views, both from major and minor machine, complete with the engine components, such as, motor cut view, axle differential cut view, torque converter cut view, and many more are also provided.

Fuel Injection Pump Cut View

It is built by internal staff as a training aid to help students understanding the company's system.



Powershift Transmission Cut View

Training Resources



Workshop Areas

All of the workshop facilities are provided to train trainees working with machines and engines that are used in a real working environment and condition. Therefore, PT. Trakindo Training Center has already adopted the safety standard and contamination control employed by International Caterpillar Contamination Standard. Safety glass, safety helmet, and safety shoes are required at all times during the training whether the participant is located inside or outside the workshop area. Rings or other hand jewelries should be removed. Long hair must be tied appropriately to avoid contact with moving parts. Smoking in the classroom is prohibited.

Main Workshop

Main Workshop Area is designated to enable trainees worked with small engine, traditional mechanical engine, 3600 series engine and the most advanced electronic engine by ACERT Technology (C15 On Highway Truck Engine). The electronic engine owned by PT. Trakindo Training Center has numerous varieties of machines, such as, marine engine, truck engine, and captive engine. All of the facilities above are provided to support the process of achieving the competencies required to be certified by the training centre.

Training Resources

Engineering Room

Engineering Room is utilized for engineering work practice, such as lathing, drilling, milling, etc. This facility is mainly used to support Marine Excellent Center Project and bench work in the Basic Mechanic Training program. Besides the project and the program, all of facilities in this room can be used by our training center instructors to produce the training aid such as, cut view component or simulator.



Power House Workshop Area

Power House Workshop Area is usually used by trainees to practice with our gas engine generator set (G3500), generator set (D3400), Sykes pump, and Olympian Generator Set. These facilities are connected to the integrated panel system and load bank in order to set training scenario for single and parallel application. Trainees can also work with our Customer Communication Module and PL100 that can be attached to our latest generator set control application.





Gas Power System

Among of its state-of-the-art facilities, the Asia-Pacific region is the only area that is used as the Caterpillar Gas Power System Training Center. This facility is equipped with G3508 Low Emission gas engine which functions as a generator set. The generator can be used as a training aid both for gas engine training and electronic power generation training. To learn basic concept and principals of gas engine operation, PT. Trakindo Training Center is using G333 with its traditional magneto system as a training tool.



Practice with Caterpillar G333

G333 (Gas Engine Mechanical 333) is used during Gas Engine Basic Training. This type of gas mechanical engine is a great facility to support students learning the components, the functions, and the mechanical process of the machine. This competency will support students to learn a more sophisticated and latest electronic control gas engine from the Caterpillar used today.



Kidney Loop

Contamination control is a main priority during the application of training aid engine. Cleansing process using "kidney loop" tool is a standard activity applied during oil and flushing session.



Machine Demonstration area

This facility is usually used as an arena to introduce new products or a learning area for the student in operating heavy equipment in the real field Workshop area.

Training Resources



Warehouse

The warehouse is controlled by tool keepers to support the major part inventory.



Tool Room

PT Trakindo Training Center standard tool room lay out and procedure are applied to familiarize trainees with the actual workplace conditions.



Operator Training Class Room

Dedicated operator training class room equipped with machine simulator for Off Highway Truck, Motor Grader and Hydraulic Excavator. After accomplishing the training session with these simulators, trainees can practice with real machines located at the demonstration area.



The training supports are provided to create comfortable environment for trainees and employees of PT. Trakindo Training Center.

Offices and Administration Buildings

Our main office is located inside the main building. The offices is where administration process takes place in this area (please see the map for further information).

Multimedia Room

The training center provides the Caterpillar Multimedia Training Program facility to support trainees self study process. The multi media room enables students to learn Basic Engine, Basic Electric, Basic Hydraulic, Basic Power Train, Applied Failure Analysis Basic, Applied Failure Analysis Advance, Caterpillar Parts Pro & Caterpillar Machine Pro.



Conference Room

Conference/meeting room with 20 person's capacity is equipped with Multimedia and teleconference facility that is designed to comply with Caterpillar Webex on-line training session.





Library

Caterpillar literature in hard and soft copy format will be stored in the library. Multimedia library is available as well as for popular science publication.

Dormitory

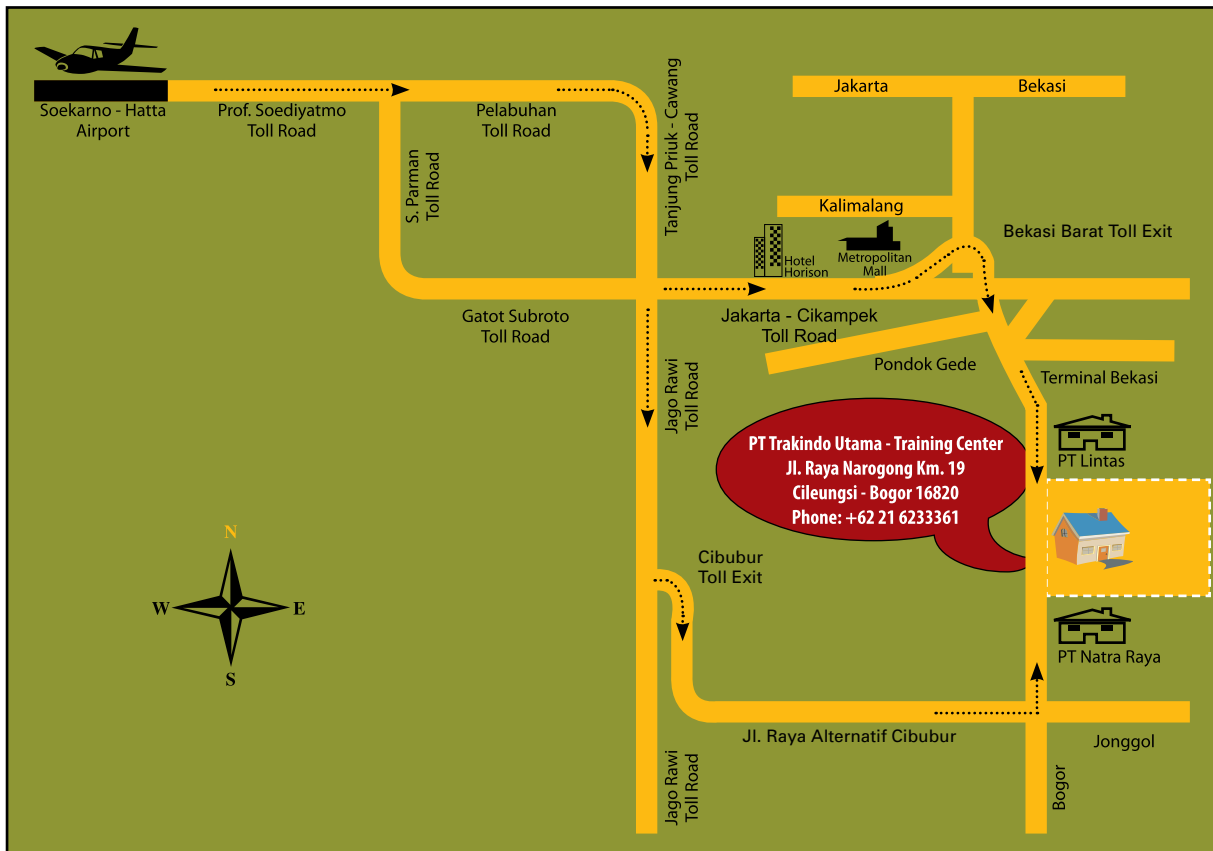
The dormitory building can accommodate 100 beds. There are twelve supervisory rooms with 24 beds capacity located in the dormitory which equipped with air conditioner and bathroom. Laundry service is available on Monday, Wednesday and Friday.



Canteen

Meal and coffee can be found in the canteen. This room is able to accommodate 50 (fifty) persons. Canteen schedule for meal and coffee break is as followed:

- Breakfast time, 06:00–07:00
- Coffee Break, I 09:00–10:00
- Lunch time, 11:30–13:00
- Coffee Break, II 14:00–15:00
- Dinner time, 18:00–19:00



Training Center can be reached from Soekarno - Hatta Airport by taxi or airport shuttle bus.
If using airport shuttle bus there are options to use routes :

- Airport - Kampung Rambutan
- Airport - Bekasi

Operating hour of airport shuttle bus is 05:00-21:00 every day. From Kampung Rambutan or Bekasi proceed with taxi to Training Center.

INFORMATION

SHOPPING CENTER

Cibubur Junction (Mall)
Jl. Jambore Raya, Cibubur, Jakarta Selatan
Phone: +6221-87755678

Cibubur Plaza (Shoping Center)
Jl. Trans-Yogie, Cibubur, Jakarta Selatan
Phone: +6221-84596869

Citra Gran (Mall)
Jl. Trans-Yogie, Cibubur, Jakarta Selatan

POLICE STATION

Polisi Sektor Cileungsi
Jl. Alternatif Cileungsi - Cibubur
Phone: +6221-8230861

FIRE FIGHTER

Semen Cibinong Fire Fighter
Desa Tengah - Cibinong
Phone: +6221-8765113

Pemda Bekasi Fire Fighter
Jl. Sultan Hasanudin No. 5 Bekasi
Phone: +6221-88338389

HOSPITAL

RS MH. Thamrin
Jl. Narogong Raya KM 17 - Cileungsi
Phone: +6221-8235052

RS Marry
Jl. Narogong Raya KM 20 - Cileungsi
Phone: +6221-82492222

RS Melia
Jl. Trans-Yogie - Cibubur
Phone: +6221-8448254

RS Permata
Jl. Trans-Yogie - Cibubur
Phone: +6221-8458806

TAXI

Blue Bird Taxi (Narogong)
Jl. Siliwangi Km 9 Narogong-Bekasi
Phone: +6221-8252667

Blue Bird Taxi (Central)
Jl. Mampang Prapatan Raya No. 60 - Jakarta Selatan 12760
Phone: +6221-7941234

HOTEL

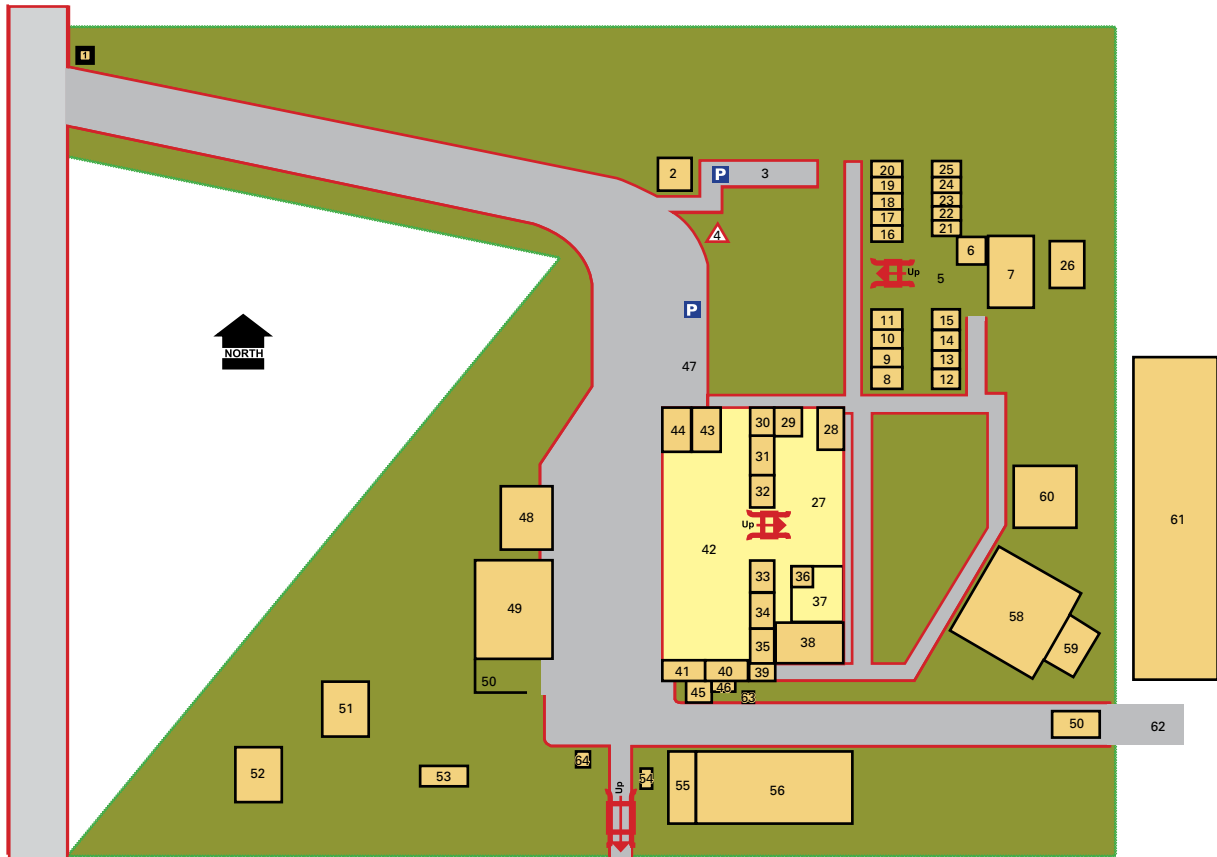
Hotel Horizon (4 Star)
Jl. KH. Noer Alie, Bekasi 17148
Phone: +6221-8848888
Fax: +6221-8847777

Hotel Kristal (4 Star)
Jl. Tarogong Raya - Cilindak Barat, Jakarta Selatan 12951
Phone: +6221-7507050
Fax: +6221-7507110

Hotel Genggong (Melati - non star rating)
Jl. Raya Cileungsi - Jonggol Km 11, Cileungsi 16820
Phone: +6221-8233061
Fax: +6221-8231537

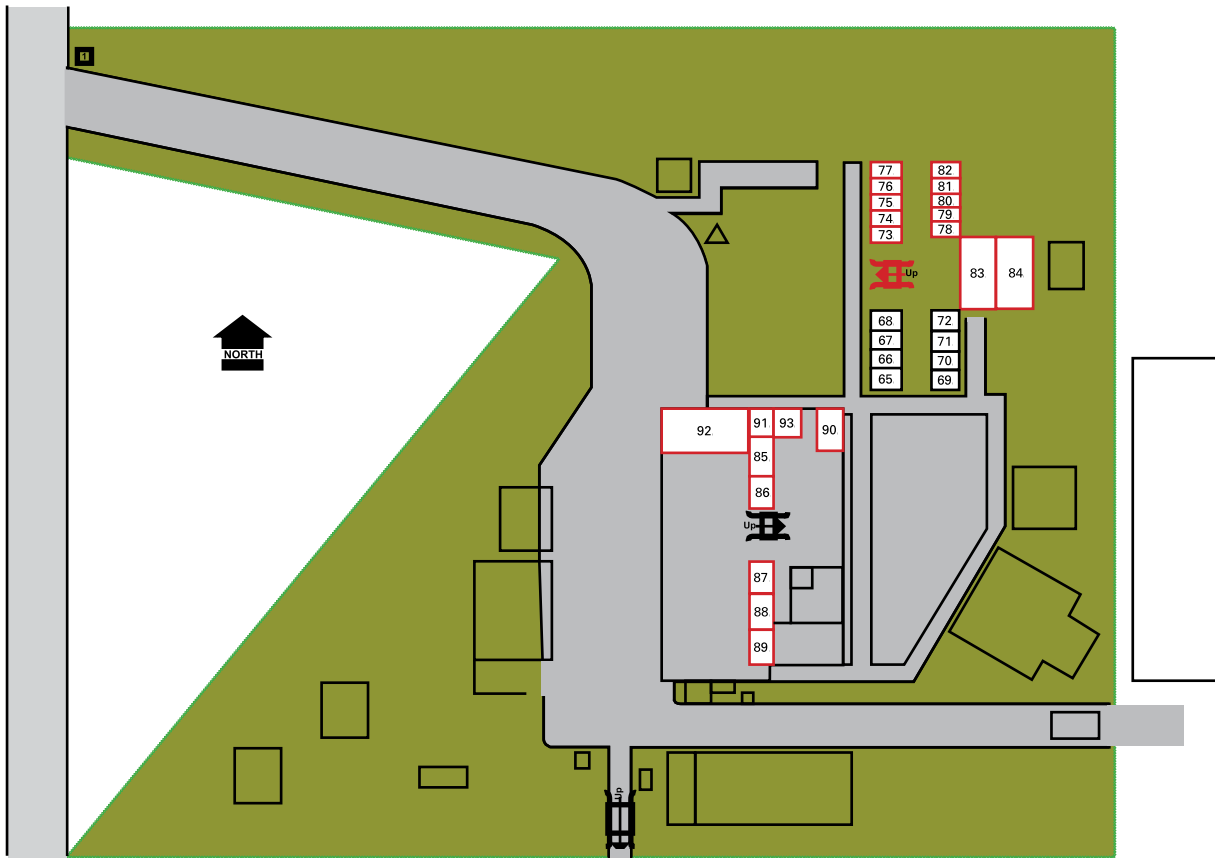
Hotel Transit (Melati - non star rating)
Jl. Raya Narogong Km 11.7 Pangkalan IA Bantar Gebang-Bekasi
Phone: +6221- 8250605
Fax: +6221-8250967

BUILDING LAYOUT



Level I

- | | | | |
|---------------------------|---------------------|-------------------------|---------------------------|
| 1. TC Gate | 17. Room 9 | 33. Classroom B | 49. 3500 Workshop |
| 2. Security Office | 18. Room 8 | 34. Classroom C | 50. Cleaning Bay |
| 3. Motorcycle Parking Lot | 19. Room 7 | 35. Classroom D | 51. Waste Area |
| 4. Assembly Point | 20. Room 6 | 36. Server Room | 52. Electric Shelter |
| 5. Dormitory Building | 21. Room 5 | 37. Room K (Multimedia) | 53. Gas Supply Meter |
| 6. Praying Room (Mushala) | 22. Room 4 | 38. Classroom J | 54. Waste Oil Treatment |
| 7. Bath Room & Toilet | 23. Room 3 | 39. Toilet | 55. Panel Room |
| 8. Room 18 | 24. Room 2 | 40. Transformer Room | 56. Power House |
| 9. Room 17 | 25. Room 1 | 41. Engineering Room | 57. Machine Washing Bay |
| 10. Room 16 | 26. Pump House | 42. Main Workshop | 58. Canteen |
| 11. Room 15 | 27. TC Main Office | 43. Tool Room | 59. Kitchen |
| 12. Room 14 | 28. TC Manager Room | 44. Warehouse | 60. Smoking Shelter |
| 13. Room 13 | 29. Office Toilet | 45. Oil Storage | 61. Machine Demo Platform |
| 14. Room 12 | 30. Workshop Toilet | 46. Fuel Tank | 62. Machine Demo Area |
| 15. Room 11 | 31. Photo Copy Room | 47. Parking Lot | 63. Diesel Fuel Station |
| 16. Room 10 | 32. Classroom A | 48. General Storage | 64. Gas Fuel Station |



Level II

65 Room 36	73 Room 28	81 Room 20	88 Classroom H
66 Room 35	74 Room 27	82 Room 19	89 Classroom I
67 Room 34	75 Room 26	83 Recreation Hall	90 Office Warehouse
68 Room 33	76 Room 25	84 Bath Room	91 Training Display Area
69 Room 32	77 Room 24	85 Classroom E	92 Compressor Platform
70 Room 31	78 Room 23	86 Classroom F	93 Toilet
71 Room 30	79 Room 22	87 Classroom G	
72 Room 29	80 Room 21		

LIST OF CLIENT

**Below are the list of company that has cooperation
with Training Center
PT Trakindo Utama on Human Capital
Development :**

- 1 ASETANIAN MARINE PTE LTD
- 2 BUT CHEVRON INDONESIA COMPANY
- 3 BUT ENSCO HOLLAND BV
- 4 BUT FAST OFFSHORE SUPPLY PTE. LTD
- 5 CATERPILLAR ASIA PASIFIC LTD.
- 6 CHEVRON GEOTHERMAL SALAK LTD
- 7 CONOCOPHILLIPS INDONESIA (GRISSIK)
- 8 CONOCOPHILLIPS INDONESIA INC. LTD
- 9 KONDUR PETROLEUM SA
- 10 MEDCO E&P INDONESIA
- 11 MYANMAR TRACTOR LTD.
- 12 PERDANA MARINE OFFSHORE PTE LTD
- 13 PT ADHIMIX PRECAST INDONESIA
- 14 PT ALLIGHT INDONESIA
- 15 PT ALSTOM POWER ENERGY SYSTEM INDONESIA
- 16 PT APEXINDO PRATAMA DUTA TBK
- 17 PT ARGO FORINDO
- 18 PT ARUTMIN INDONESIA
- 19 PT ASIATIC PERSADA
- 20 PT BADAQ NGL
- 21 PT BADE MAKMUR ORISSA
- 22 PT BAHARI CAKRAWALA SEBUKU
- 23 PT BAKRIE PASAMAN PLANTATION
- 24 PT BREDERO SHAW INDONESIA
- 25 PT BUANA CENTRA SWAKARSA
- 26 PT BUKIT MAKMUR MANDIRI UTAMA
- 27 PT CIPTA BUANA SUMBER MAKMUR
- 28 PT CIPTA KRIDA BAHARI
- 29 PT CIPTA KRIDATAMA
- 30 PT CITRA PANJI MANUNGGAL
- 31 PT EDISON MISSION OP & MAINT (EMOMI)
- 32 PT ELNUSA DRILLING SERVICES
- 33 PT ENERGIZER INDONESIA
- 34 PT FREEPORT INDONESIA
- 35 PT GUNUNG MADU PLANTATION
- 36 PT HALLIBURTON INDONESIA
- 37 PT HALLIBURTON LOGGING SERVICES INDO
- 38 PT HITEK NUSANTARA OFFSHORE DRILL
- 39 PT HOLCIM INDONESIA TBK.
- 40 PT INDOCEMENT TUNGGAL PRAKARSA
- 41 PT INTERNATIONAL NICKEL INDONESIA TBK
- 42 PT IPMOMI
- 43 PT JAYA BAHARI PERKASA
- 44 PT KALIMANTAN PRIMA SERVICE INDONESIA
- 45 PT KALTIM PRIMA COAL
- 46 PT KATINGAN INDAH UTAMA
- 47 PT KELSRI
- 48 PT KITADIN
- 49 PT KOBATIN - PANGKAL PINANG
- 50 PT LEIGHTON CONTRACTORS INDONESIA
- 51 PT MADHANI TALATAH NUSANTARA
- 52 PT MEDCO LPG KAJI
- 53 PT MULIA KERAMIK INDAHJAYA
- 54 PT NESTLE INDONESIA
- 55 PT NEWMONT NUSA TENGGARA
- 56 PT PERTAMINA
- 57 PT PERTAMINA TRAINING & CONSULTING
- 58 PT PERTAMINA UP III PLAJU
- 59 PT PRIDE FORMER INTERNATIONAL
- 60 PT PUNCAK JAYA POWER
- 61 PT PURAJAYA MECA PRATAMA
- 62 PT PURNA BAJA HECKETT
- 63 PT PUTRA PERKASA ABADI
- 64 PT RAHMAN ABDIJAYA
- 65 PT RAJA MAS INDONESIA
- 66 PT RAMAYA JAYA PRIMA
- 67 PT SAMINDO UTAMA KALTIM
- 68 PT SANGGAR SARANA BAJA
- 69 PT SANYO JAYA COMPONENTS INDONESIA
- 70 PT SAWIT SUMBERMAS SARANA
- 71 PT SEMEN PADANG
- 72 PT SENECA INDONESIA
- 73 PT SUMMARECON AGUNG
- 74 PT TAMBANG BATUBARA BUKIT ASAM
- 75 PT THIESS CONTRACTORS INDONESIA
- 76 PT TOR GANDA
- 77 PT TRANSPORTASI GAS INDONESIA
- 78 PT UNIVERSAL COMPRESSION
- 79 PT UNOCAL
- 80 PT UNOCAL MAKASAR
- 81 PT VIDYA CITRA PRADHANA
- 82 PT WAHANA INSANUGRAHA
- 83 PT WINTERMAR
- 84 PT WIRA PENTA KENCANA
- 85 TOTAL E&P INDONESIE
- 86 TRACTORS MALAYSIA SDN. BHD.
- 87 TRACTORS SINGAPORE LTD.
- 88 VIRGINIA INDONESIA COMPANY (VICO)
- 89 PT ANEKA MINING SUKSES
- 90 PT ELNUSA Tbk.
- 91 PT GRAHA SARANA DUTA





TRAINING CENTER CILEUNGS

Jln. Raya Narogong Km 19 Cileungsi - Bogor 16820

Phone: +62 21 8233361 (Hunting)

Fax: +62 21 8233360

PT TRAKINDO UTAMA (Head Office)

Jl. KKO Raya - Cilandak, Jakarta 12560

Phone: +62 21 7822373

Fax: +62 21 7822379

Web Site:

<http://www.trakindo.co.id>

<http://www.trakindo.cat.com>

<http://ln.trakindo.co.id>

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akoswara@trakindo.co.id