



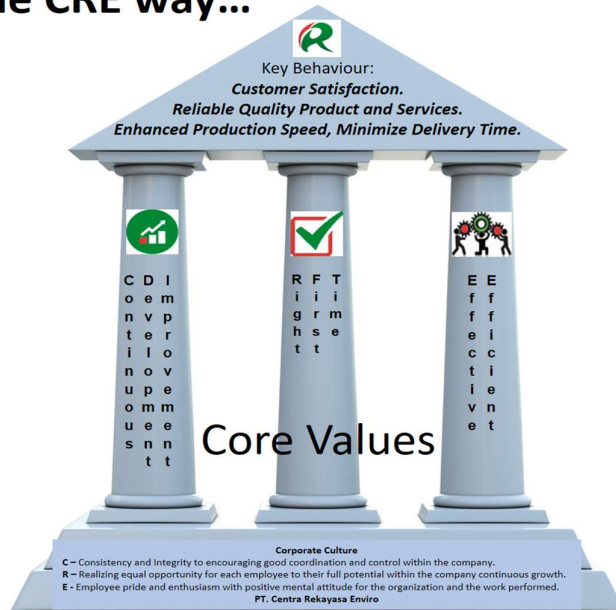
# CR-Enviro Newsletter

Vol 8.0

ENGINEERING SOLUTIONS FOR OUR ENVIRONMENT, INDUSTRY AND COMMUNITY

NEWSLETTER, APRIL 2018

## The CRE way...



## Living the CRE way...

Any national or world-class company must have its own philosophy or way of surviving from the ferocity of the competition and for the company to have a differentiator from its competitors in the market.

For example PT. Telkom Indonesia, this national company continues to grow guided by the philosophical values they call "the Telkom way". These philosophical values will be the "guiding path" and "driving path" so that the end result and performance, both individual and company can be in line with the expectations.

It turns out that without our awareness, CRE continues to grow in addition to hard and smart work ethic and also a good team work, another factor is because we have our own philosophical values that are unique and created in such a way by the Board of Directors which has been a "guiding path" and "driving path" of the company to be able to realize the vision of becoming a "world class company" and its mission to provide the best products and services for its customers.

What are the "the CRE way" components? The component itself consists of Corporate Culture, Core Values or Company Principles and the last is Corporate Behavior.

These three pillars will be the base foundation, the pillar as well as the protective roof that will make the company continue to grow and move forward to meet the vision and mission of the company in the future. These pillars will be supported also by the SPIRIT value we have launched earlier to accelerate the process of the company into a "world class company" in the future.

Although it may not be perfect yet we have full confidence that these philosophical values must continue to be lived, do as a daily best practice and make it our philosophy while working in CRE which will eventually deliver CRE to the top of as the champions and become winners against both local and global competition...!

Bandung, February 9, 2018

Board of Directors of PT. CRE



# CR-Enviro Newsletter

Vol 8.0

ENGINEERING SOLUTIONS FOR OUR ENVIRONMENT, INDUSTRY AND COMMUNITY

NEWSLETTER, APRIL 2018

## CRE Goes International...



On February 22<sup>nd</sup>, 2018, PT. Centra Rekayasa Enviro have marked another milestone by securing a partnership with Nusa Petro Sdn Bhd in Malaysia for a cooperation in providing both consultancy services and fabrication of municipal solid waste (MSW) with capacity of 20 tons per day for Pangkor Island in Malaysia.

*"This is another great milestone achieved by CRE team and it is now our duty as a team in conjunction with Nusa Petro as the client to make the project a success and will bring pride for both of the nation"* said Dimas Lesmana – Managing Director of CRE. The success story of CRE Indonesia and Nusa Petro Malaysia will be one of our early path and we shall further go global and be international by entering 2018 as a free trade zone in the Asia Pacific.



Inset Photo: Team CRE and Nusa Petro at Marina Island, Pangkor Island, Malaysia



# CR-Enviro Newsletter

Vol 8.0

**ENGINEERING SOLUTIONS FOR OUR ENVIRONMENT, INDUSTRY AND COMMUNITY**

NEWSLETTER, APRIL 2018

## KLHK Raises and Destroy Medical Waste in Cirebon

INILAHCOM, Jakarta - The Ministry of Environment and Forestry (KLHK) raises and destroys hazardous and toxic waste (B3) medical and non-medical waste located in the Penguragan Wetan Village, Panguragan District, Cirebon Regency.

The event which took place on Wednesday (20/12/2017) is a follow up of a series of KLHK efforts in handling cases of illegal medical B3 waste management.

Director General of Waste Management and B3 of KLHK Rosa Vivien Ratnawati, in its written statement stated that the removal and destruction of B3 waste is part of the emergency handling of medical waste disposal scattered in public locations that endanger public health and the environment.

Medical waste is classified as hazardous waste (B3) according to Government Regulation No. 101 of 2014 concerning B3 Waste Management so that handling since incurred until the hoarding must be accurate and correct in accordance with the requirements of the regulation with the principle of "from cradle to grave". The Government has specifically regulated the management of medical waste in Permenkhk no. 56 of 2015 on the Procedures and Technical Requirements for the Management of B3 Waste from Health Service Facilities (Fasyankes).

Special handling of medical waste cases in Penguragan Village Cirebon District has conducted a coordination meeting handling emergency destruction with B3 waste management services in Jakarta the day before (19/12/2017). Unlicensed stockpiling in the TPS of Village Penguragan Wetan is a site that has been declared to be handled the destruction of its B3 waste after the evidences get permission from the court to be removed from the scene.

Sinta Saptarina Soemiarno, Director of B3 Waste Management Performance and Non B3 waste said that this handling is estimated to be completed within two days. This emergency treatment also involves the help of local residents after previously given a safety briefing including the completeness of Personal Protective Equipment (PPE).

"The handling is expected to run well with the results of cooperation with the Office of the Environment, Public Works Department and Public Housing, Cirebon District Health Office and Korem, Dandim and Cirebon Resort Police," said Sinta.

While Qurie Purnamasari, Director of Land Recovery of Contamination and Emergency Response KLHK explains that the contamination of contaminated soil of medical B3 waste in an emergency will be preceded by identification of area extent, volume and type of B3 waste.

"Furthermore, the process of separating between contaminated soil and medical waste, which is then packed and transported for further management by a licensed waste management B3 waste, the amount of contaminated waste estimated at this wild TPS is more than 200 meters<sup>3</sup>," added Qurie.

Article 198 Government Regulation No. 101 of 2014 on the Management of B3 waste states that any person producing B3 waste, collecting B3 waste, transporting B3 waste, utilizing B3 waste, treating B3 waste and / or B3 waste landfill responsible for polluting and damaging the environment to overcome environmental pollution and damage and to recover environmental function.

Hospitals and other fasyankes may destroy their medical waste in their own incinerators already licensed by KLHK. Currently in Indonesia is already available 6 medical waste treatment service company spread 5 facilities in Java and 1 facility in Kalimantan.

The Directorate General of PSLB3 continues to seek solutions to national medical waste management problems. One of the efforts is to build one unit of medical waste incinerator as a pilot in Makassar, South Sulawesi which was built by PT. Centra Rekayasa Enviro (CRE). The pilot is expected to be one of the limited solutions of medical waste management in eastern Indonesia.

Source: <https://ekonomi.inilah.com/read/detail/2426112/klhk-musnahkan-limbah-b3-medis-di-cirebon>





# CR-Enviro Newsletter

Vol 8.0

ENGINEERING SOLUTIONS FOR OUR ENVIRONMENT, INDUSTRY AND COMMUNITY

NEWSLETTER, APRIL 2018



**"Kami menghargai satu dengan yang lain, dan kami menyadari bahwa kesuksesan kami sangat bergantung kepada komitmen, kapabilitas dan keberagaman karyawan kami."**

## PEOPLE

SDM kita adalah aset terpenting dan kunci kesuksesan kita. Itulah mengapa kita saling menghormati satu sama lain, dan secara konsisten menunjukkan kejujuran dan komitmen dalam kata-kata dan tindakan kita. Kami berusaha untuk menciptakan lingkungan kepercayaan, dan memberi akses terhadap kesempatan belajar dan tugas kerja yang menantang, sehingga SDM kami dapat mewujudkan potensi sejati mereka sebagai individu dan berkontribusi terhadap kemajuan perusahaan.



[www.cr-enviro.com](http://www.cr-enviro.com)

### SPIRIT Values

Kami menjunjung tinggi kami dengan berbagai prinsip panduan yang kami sebut dengan SPIRIT Values. Prinsip panduan ini yang membimbing kami untuk bertindak dan mengambil keputusan terhadap semua pemangku kepentingan, baik secara internal maupun eksternal. Prinsip panduan ini diadopsi ke seluruh organisasi dan karyawan, yang menjadi pembeda dengan kompetitor kami dan menjadi kebanggaan kami semua.

**S**  
SAFETY

Kami bekerja dan berperilaku secara aman.

**P**  
PEOPLE

Kami menghargai satu dengan yang lain, dan kami menyadari bahwa kesuksesan kami sangat bergantung kepada komitmen, kapabilitas dan keberagaman karyawan kami.

**I**  
INTEGRITY

Kami memiliki etika dan jujur serta dapat dipercaya dalam melakukan hubungan dengan semua pemangku kepentingan.

**R**  
RESPONSIBILITY

Kami bertanggung jawab atas semua tindakan kami. Kami adalah teladan dan warga yang baik di komunitas dimana kami beroperasi.

**I**  
INNOVATION

Kami mengantisipasi perubahan dan meresponnya dengan solusi inovatif kreatif. Kami gesit dan responsif terhadap perubahan dari pemangku kepentingan dan memberikan kesempatan untuk belajar dari pengalaman kami.

**T**  
TEAMWORK

Semangat "BISA" dalam tim kami menghasilkan performa yang tinggi. Kami mendorong kolaborasi, merayakan kesuksesan, dan membangun hubungan jangka panjang antar individu dan tim.



Centra Rekayasa Enviro

## SPIRIT Values PEOPLE

Di CR-Enviro, sumber energi kami adalah Sumber Daya Manusia atau Human Resources kami.

Salah satu value yang kami pegang teguh adalah PEOPLE atau Sumber Daya Manusia.

SDM kami adalah aset terpenting dan Kunci kesuksesan kami.

Kami selalu berusaha untuk saling menghormati perbedaan antara satu dengan yang lain, dan secara konsisten menunjukkan sikap kejujuran dan komitmen dalam kata-kata dan tindakan.

Kami berusaha menciptakan lingkungan kerja yang positif dan memberikan kesempatan yang seluas-luasnya bagi seluruh SDM kami untuk tumbuh dan berkembang bersama dan berkontribusi positif bagi kemajuan perusahaan.



# CR-Enviro Newsletter

Vol 8.0

NEWSLETTER, APRIL 2018

**ENGINEERING SOLUTIONS FOR OUR ENVIRONMENT, INDUSTRY AND COMMUNITY**

## Air Pollution Control Various Types of Scrubbers and Their Applications

Scrubber systems are a diverse group of air pollution control devices that can be used to remove some particulates and/or gases from industrial exhaust streams. "Scrubber" is a pollution control device that use liquid to wash unwanted pollutants from a gas stream. Scrubbers are one of the primary devices that control gaseous emissions, especially acid gases, Fumes. Industrial Scrubbers can also be used for heat recovery from hot gases by flue gas condensation. Scrubber are used for scrubbing the obnoxious fumes such as silicon tetrafluoride, HNO<sub>3</sub>, HCl, NH<sub>3</sub>, Phosphoric acid, super phosphate & Fluorine. Manufacturing using quality R.M these are available in various dimensions & specifications. As per the client requirement this system can also be used for recovery of the products.

No.	Low Energy Scrubbers	Application
1.	Spray Scrubbers	Coarse particulate matter removal and moderate removal efficiency for gaseous pollutants.
2.	Wet Cyclonic Scrubbers	Moderate/high particulate matter removal upto 5 microns
3.	Vertical Baffled Scrubbers	Moderate to high removal for scrubbers coarse particulate upto 3 microns & gaseous pollutants
4.	Horizontal Baffled Spray Scrubbers	High efficiency for gaseous pollutants.
5.	Packed Bed Scrubbers	High efficiency for gaseous pollutants.

No.	High Energy Scrubbers	Application
1.	Venturi Scrubbers	Very high efficiency for fine particulate with partial removal of gaseous pollutants.
2.	Ejector Scrubbers	Very high efficiency for coarse particulate and gaseous pollutants
3.	High Efficiency Wet Filters	Very high efficiency for fine particulate matter soluble in scrubbing liquid
4.	Cleanable High Efficiency Air Filter	For removal of aerosols P205, SO <sub>3</sub> , etc.
5.	High Efficiency Air Filter	For removal of sticky and oily particulates, aerosols and mists.

PT. Centra Rekayasa Enviro is one of the fabricator which provides air pollution control system from design, fabrication and installation. Please contact us at [info@cr-enviro.com](mailto:info@cr-enviro.com) should you have any inquiries related with air pollution control (APC) system for your organization or visit <http://cr-enviro.com/our-product/air-pollution-control-apc/> for more information.



# CR-Enviro Newsletter

Vol 8.0

**ENGINEERING SOLUTIONS FOR OUR ENVIRONMENT, INDUSTRY AND COMMUNITY**

## We are hiring new skilled talents and individual!

At PT. Centra Rekayasa Enviro, recruiting the right people is a key strategy. Our employees are our human energy, and we believe that attracting and retaining A-players helps us keep our leading competitive advantage in the industry. Below is several careers opportunity available:

### Position: **Technical Sales Engineer**

- Preferable female, max. 30 years old
- Minimum D3/S1 and from ENGINEERING Background is a must.
- Have a good network in the industry and/or oil and gas companies is an advantage.
- Experience as sales person for 2-4years but we would welcome fresh graduate who is honest, willing to learn and work hard to achieve full potential with the company growth.
- Able to work and use computer & MS office.
- Fluent and understand English and have a good plan to achieve company goals and target.
- Hold driving license (SIM A /SIM C) is an advantage.
- Willing to travel.

### Position: **STAFF PROJECT ENGINEER / SITE MANAGER**

- Pria/Wanita
- Pendidikan D3 / S1 Teknik Lingkungan / Kimia / Mesin / Elektro / Industri
- Fresh graduate dipersilahkan melamar
- Menguasai program software Project Management
- Pengalaman dari perusahaan serupa lebih diutamakan
- Bersedia ditempatkan dimana saja di seluruh Indonesia
- Bersedia bekerja dibawah tekanan dan target waktu pengerjaan

### Position: **STAFF DRAFTER / WELDER / TEKNISI MESIN**

- Pria/Wanita
- Pendidikan STM / SMK / SEDERAJAT
- Fresh graduate dipersilahkan melamar
- Menguasai teknik pengelasan untuk welder
- Menguasai teknik permesinan untuk teknisi mesin
- Menguasai program Solid Works dan Auto CAD untuk drafter
- Mau belajar dan bekerja keras

Be a part  
of our team



**Interested applicant please send your latest CV and resume to [career@cr-enviro.com](mailto:career@cr-enviro.com) and [hrd@cr-enviro.com](mailto:hrd@cr-enviro.com)**

***All applications will be treated confidentially & only short listed candidates will be notified.***