

Radcorps Fire & Safety Pvt. Ltd. "Complete solution for Fire & Safety"

Vikyam Pvt. Ltd.

"Customised Engineering Solution"

GOVT. LICENSED AGENCY

"ISO 9001—2015 CERTIFIED "



RADCORPS "PTDA" SOLUTIONS



<u>P – PRODUCTS</u>

A wide range of more than 4500++ products to select from, we have CE, EN, NIOSH, NEBOSH, ISO certified products to select from. Thus catering for requirements of your industrial / commercial/ residential standards.

T - TRAINING

We under take Govt. certified training programmes. We have specially structured programmes for professionals, corporates, home maker, students etc.

D-DESIGNING

We undertake designing solutions with respect to fire and safety for industrial, commercial and residential premises. We also deal in SITC & turn key projects.

A - AMC & Audit

We also undertake AMC & Audits for industrial, commercial and residential premises.

ABOUT US

OUR VALUES.

"Innovation & Affordability": To provide best in the Class Products, AMC & After Sales Service making an accident free society at an affordable price.

OUR MISSION.

"<u>Team Player & Accountability</u>": To acquire & maintain global leadership in the chosen areas of business with care for society & environment.

OUR VISION.

"Positive Growth & Adaptability": To emerge globally as the first choice for to "Work With" & "Work For".

COMPLETE DESTINATION FOR ALL TYPES OF FIRE PROTECTIVE GEARS & GADGETS IN



- > Personal Protection.
- Fire & Safety Protection.
- Crisis & Disaster Management.
- Smoke & Gas Detection.
- > Supply, Installation, Testing & Commissioning (Turn Key Projects)
- AMC, of Portable and Fixed Fire Fighting Equipment and Accessories (Both: International & ISI certified equipment).

AUDITS/ ADVISORY – CONSULTING/ TRAINING – REFRESHER COURSES

- Process Safety Engineering.
- Fire Protection Engineering.
- > Functional Engineering.
- Operational Safety Engineering.
- > HSE Design Engineering & Project EHS Support.
- HSE Technical Trainings.
- > Process Optimisation etc.

Radcorps

GLOBAL BRANDS



A Leading company from USA with expertise in <u>Confined</u> <u>Space Entry Products</u> like Flame Proof & Explosion Proof Blowers, Venturi, Breathing Air Compressor, NIOSH Approved Filters, Sand / Shot Blasting Hoods and Climate Control Vest, Auto Darkening Welding Helmet with Supplied Air Line systems.

For more details click on the following link http://www.allegrosafety.com/



A Company from **USA** with specialisation in **Gloves** and for <u>Very High Voltage Electrical Operations</u> under various climatic conditions

For more details click on the following link http://www.regeltex.com/



Worlds' largest producer & supplier of <u>Chemical Protection</u> <u>Clothing</u> like <u>Pro-Shield Tyvek</u>, <u>Tychem-C</u>, <u>Tychem-F</u>, <u>Tychem-TK Tychem Reflector</u> and <u>Flame Retardant Clothing</u> & <u>Fire Fighting Suit Nomex</u>.

For more details click on the following link http://www.dupont.com



A leading brand from Germany in <u>Gas Detection &</u>
<u>Protection Systems</u> providing solutions like Portable Gas Detectors
& Tubes, Fixed Gas Detection System, Respiratory Equipment,
Escape Sets, Breathing Apparatus, Alcohol Detectors & Drug Test
and Thermal Imaging Camera etc.

For more details click on the following link https://www.draeger.com



Leading Company from **USA** having expertise in <u>Pollution</u> <u>Control System</u> & manufactures / Supplies Secondary <u>Spill</u> <u>Containment Solutions</u> to various situation and <u>Ultra Ever Dry</u> – weather protection coating solution.

For more details click on the following link http://www.spillcontainment.com/



A product of Ultratech International, this is a unique, <u>Surface</u>
<u>Coat</u> which is <u>Hydrophobic</u>, <u>durable</u>, <u>Flexible</u>, <u>Substrate</u>
<u>Compatibility</u>, <u>Resistant</u> (Abrasion, Corrosion, Oil Solvent & UV). It has a wide application like Electronics, lens, cars, glasses, automobiles, Industrial equipment's, signs etc.

For more details click on the following link https://www.gentoocoatingstore.eu/

GLOBAL BRANDS





A division of *Exuro Medical LCC* from USA providing *Burn First Aid solutions* in the form of Dressings, Blankets, Gel & Burn
Care kits.

For more details click on the following link https://www.burnfree.com/



Leading Company from **USA** having a wide range for <u>Nitrile</u> <u>and Powder Free Gloves</u>. This provides All round protection from strong detergents, oils, fuel, grease, many chemicals and solvents.

For more details click on the following link https://www.coleparmer.com/



A Company from **USA** with specialisation in <u>Gloves & Apron</u> <u>in cryogenic applications</u>. Gadgets that can be used extreme cold services. (Sub-zero up to - **160°C Temperatures**)

For more details click on the following link http://www.tempshield.com/



A Globally acclaimed brand in SYSBEL commits to the exploration and manufacture of world's leading products within Safety Containment Systems (SCS), Spill Prevention, Containment & Control (SPCC) and Eye Wash Systems (EWS).

For more details click on the following link http://www.sysbel.com/



A leading specialised textile manufacturing Company from India providing solutions for *Flame Retardant Clothing* for Oil & Gas, Petrochemical & Metallurgy sector applications.

For more details click on the following link http://www.sysbel.com/



A Company from **USA** with specialisation in *Portable Lighting Solutions* in *Hazardous Area Applications* presenting full range of Safety Torches with Flame Proof and Explosion Proof construction.

For more details click on the following link http://www.flashlight.com/



GLOBAL BRANDS



Internationally certified wide range of <u>PPE</u> and <u>Overalls</u>.

<u>Hydrophilic Finish (HF)</u> a moisture wicking finish developing extra comfort in Hot & Humid climate.

For more details click on the following link https://www.teijin.com/



A leading specialised textile manufacturing Company from **India** providing solutions for **PPEs, Flame Retardant Clothing** for **Oil & Gas, Petrochemical & Metallurgy sector applications**.

For more details click on the following link http://unisafeservices.com/



An **UK** based firm. The **ultimate** <u>Lighting Solutions</u> for various zone locations of portable, temporary, power distribution system of lighting.

For more details click on the following link https://www.wolfsafety.com/



A product for **Reliance group** brings a vide variety of **Footware Protection**. A complete range of safety shoes which are robust, safe & stylish.



A Company from India; Viraj Syntex is a specialist manufacturer of <u>Fall Protection</u>, Fall Restrain, Lifting devices; highly useful in Lifting-shifting & Confined Space Rescue activities.

For more details click on the following link http://www.virajsafetyfirst.com/



A USA based Company which specializes in <u>Colorimetric</u> <u>Diffusion Badges</u> like **ChromAir** & **SafeAir** thus giving real-time detection of chemical threats and levels is the cornerstone to a safe working environment in Industrial Settings.

For more details click on the following link https://www.morphtec.com/



ISO BRANDS

POWDER

DRY CHEMICAL POWDER ABC STORED PRESSURE SQUEEZE GRIP TYPE FIRE EXTINGUISHER



SUITABLE FOR CLASS OF FIRE

ABBC

Wood, Textile, Paper, Cloths, Cotton, Jute, etc. Class A Fire :

Class B Fire: Petroleum, Oil Diesel, Paint, Varnish, Solvent, Aviation Class B Fire:

Flamable and volatile Liquids Etc.

Class C Fire : Flamable gasses, Live Electrical Equipments, Industria Class C Fire:

Flectrical installation Power Grid Fto

POWDER DRY CHEMICAL POWDER SQUEEZE GRIP CARTRIDGE TYPE FIRE EXTINGUISHER



SUITABLE FOR CLASS OF FIRE

BCF

Petroleum, Oil Diesel, Paint, Varnish, Solvent, Aviation

Flamable and volatile Liquids Etc.

Flamable gasses, Live Electrical Equipments, Industria

Electrical installation, Power Grid Etc.

Electrical histaliation, I ower ond etc.					l	LIECUIC	al Ilistal	ation, i c	WEI GITO	LUC.		
Capacity (Kgs)	1	2	4	6	9	Capacity (Kgs)	4	6	9	25	50	75
IS Specification	15683	15683	15683	15683	15683	IS Specification	#####	#####	15683	10658	10658	10658
Jet Range in Mtrs	2	3	4	6	7	Jet Range in Mtrs	2	2	2	6	8	10
Discharge Time in Sec	12	16	20	25	30	Discharge Time in S	8	8	8	30	50	60
The second secon												

CO2 CARBON DI OXIDE

SQUEEZE GRIP TYPE FIRE EXTINGUISHER

SUITABLE FOR CLASS OF FIRE



Class B Fire: Petroleum, Oil Diesel, Paint, Varnish, Solvent,

Aviation Fuel, Flamable and volatile Liquids Etc.

Class C Fire: Flamable gasses, Live Electrical Equipments,

Industrial Gasses, Electrical installation, Power Grid Etc.

MECHANICAL FOAM

STORED PRESSURE TYPE SQUEEZE GRIP CARTRIDGE TYPE & TROLLEY MOUNTED



Class A Fire: Wood, Textile, Paper, Cloths, Cotton, Jute, etc.

Caution Not to use on live eletrical equipment and water

succeptible chemicals

Capacity (Kgs)	2	3	4.5		Capacity (Kgs)	6	9	50		
IS Specification	15683	15683	15683		IS Specification	#####	#####	15683		
Jet Range in Mtrs	1	1	2		Jet Range in Mtrs	2	2	10		
Discharge Time in Se	8	8	8	, and the second	Discharge Time in S	13	13	180		

WATER

WATER BASED STORED PRESSURE TYPE WATER CO2 SQUEEZE GRIP CAR'E TYPE WATER CO2 TROLLEY MOUNTED TYPE



Class A Fire: Wood, Textile, Paper, Cloths, Cotton, etc.

Caution: Not to use on live eletrical equipment and water

succeptible chemicals



CLEAN AGENT

DRY CHEMICAL POWDER SQUEEZE GRIP CARTRIDGE TYPE SUITABLE FOR CLASS OF FIRE





Class A Fire : Wood, Textile, Paper, Cloths, Cotton, Jute, etc.

Class B Fire : Petroleum, Oil Diesel, Paint, Varnish, Solvent, Aviation

Flamable and volatile Liquids Etc.

Class C Fire: Flamable gasses, Live Electrical Equipments, Industria

Gasses, Electrical installation, Power Grid Etc.

Capacity (Kgs)	1	2	4	6	9	Capacity (Kgs)	4	6	
IS Specification	15683	15683	15683	15683	15683	IS Specification	15683	15683	
Jet Range in Mtrs	2	3	4	6	7	Jet Range in Mtrs	2	2	
Discharge Time in Se	12	16	20	25	30	Discharge Time in Sec	8	8	



ISO BRANDS

POWDER

DRY CHEMICAL POWDER TROLLY MOUNTED TYPE

Class A Fire: Wood, Textile, Paper, Cloths, Cotton, Jute, etc.

Class B Fire:

Diesel, Paint, Solvent, Aviation Fuel, Flamable & volatile liquids Etc. Flamable gasses, Live Electrical Equipments,

Industrial Gasses, Electrical installation, Power Grid Etc.

moustmer dosses, erect				10
Capacity (Kgs)	25	50	75	SUITABLE FOR CLASS OF
IS Specification	10658	10658	10658	A B F
Jet Range in Mtrs	6	8	10	
Discharge Time in Se	30	50	60	

CO2 CARBON DI OXIDE

SQUEEZE GRIP & WHEEL TYPE FIRE EXTINGUISHER

Class B Fire: Petroleum, Oil.

Diesel, Paint, Varnish, Solvent, Etc.

Discharge Time in S

CLEAN AGENT

FIRE EXTINGUISHER

A B C E

MODULAR TYPE AUTOMATIC

SUITABLE FOR CLASS OF FIRE

Aviation Fuel, Flamable and volatile Liquids Etc. Class C Fire:

30

Flamable gasses, Live Electrical Equipments, Industrial Gasses, Electrical installation, Power Grid Et

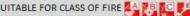
Capacity (Kgs)	6.5	9	22.5	9	
IS Specification	2878	2878	2878		
Jet Range in Mtrs	6	8	10		1

36

60

POWDER

DRY CHEMICAL POWDER ABC STORED PRESSURE AUTOMATIC MODULAR TYPE



Class A Fire:

Flamable and volatile Liquids Etc.

Class C Fire : Flamable gasses, Live Electrical Equipments, Industria Class C Fire :

Electrical installation, Power Grid Etc.



Class A Fire: Wood, Textile, Paper, Cloths, Cotton, Jute, etc.

Petroleum, Oil Diesel, Paint, Varnish, Solvent, Aviation

Flamable and volatile Liquids Etc.

Flamable gasses, Live Electrical Equipments, Industrial,

Gasses, Electrical installation, Power Grid Etc.

Capacity (Kgs)	5	10		Capacity (Kgs)	5	10	
Area Protection	7-8 m2	8-10m2	100	Area Protection	7-8 m2	8-10m2	
Hang Vert above risk	1.75-2.25m	2-3 m	a	Hang Vert above risk	1.75-2.25m	2-3 m	
Discharge Time in Sec	15-20	18-23	-	Discharge Time in Sec	15-20	18-23	
E CONTRACTOR CONTRACTO		10 20			23 20	20 20	

PERSONAL PROTECTION

SAFETY ACCESSORIES





















Hydrant	Ya	lv:
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Hose Reel Drum Hose Box

Hose Pipe

Sprinkler

Detecto Fire Man Aze

Fire Blanket















FA Box

Branch Pipe Népupling

Triple purpose No Double Coupling

Multi Purp No

FR 10 X



























Safety	Helmets

Safety Goggels









Traffic Cone



Safety Jackets



Wear Mask

Safety Gloves





























Fire Extinguisher

Fire Exit

Assembly Point

Danger - 440 Volts Danger - Acid

Danger - Flamable Gas

And Many More.....

TRAINING & REFRESHER COURSES



RADCORPS FIRE & SAFETY PVT. LTD.

WITH UNISAFE TRAINING SOLUTIONS

Launches Multi-optional & Flexible Training Program on

FIRE PREVENTION & FIGHTING

Learn To Succeed

HALF DAY TRAINING

Course Content

- •Introduction to Chemistry of Fire
- Fire Classification
- Fire Prevention & Protection basics
- Portable & fixed firefighting installations
- Responding to Fire Emergency
- Hands-on with use of Extinguishers.

Duration -Half Day

Award -Certification of

Participation.

Medium -English, Marathi, Hind

FULL DAY TRAINING

Course Content

- Chemistry of Fire
- Fire Classification
- Fire Prevention & Protection
- Active & Passive fire protection
- Roles & Responsibilities of FF Team
- Portable & fixed firefighting installations
- •Introduction to Rescue Methodologies
- Responding to Fire Emergency
- Hands-on with use of Extinguishers, FH components.

Duration -One Day **Award -Certification of Competency.**Medium -English, Marathi, Hindi



Who should attend? Practically everyone but specifically

- ✓ Shop-floor Employees
- √ Fire Fighters
- ✓ Emergency Response Team Members

Program Benefits

- ✓ Participants would know the importance of 'Prevention'
- ✓ Choose & Present right response strategy leading to loss minimisation.
- ✓ Maximise the difference between Life & Death
- ✓ Confidence & Peace of Mind
- ✓ Offers flexibility of using your material for practical training.

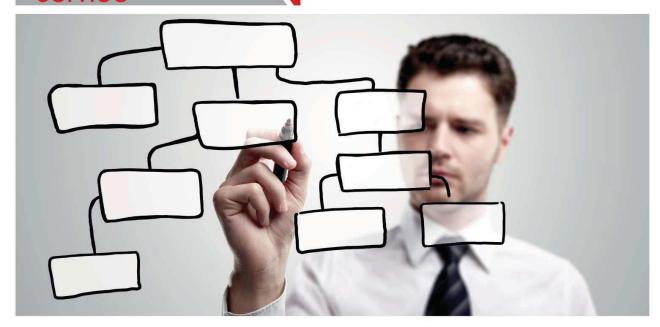
Venue – Your worksite (Enables maximising participation). **Batch – 25 participants/batch (Max)** Also providing customised programmes for Corporates, institutions, schools etc



AUDIT, TRAINING & REFRESHER COURSES Radcorps



Service

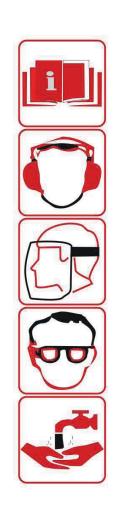


Training Solution Provider:

An organization chooses best of the available professionals for different tasks in their set-up. However, qualification & experience alone cannot make a candidate to be performer to the expectation of the organization. They need to be inducted into the "Culture" of one's organizational setup. Training the new & for that matter even established employees is by far is best methodology to accomplish best of results and performance from individual. In today's world "Eco-Sustainability" & "Safety" are the buzzwords irrespective of the sector the organization is working with.

Safety training is the key element in the prevention of work-related injuries, illness, and fatalities. When properly trained on safety procedures, employees understand the importance of workplace safety, prevention of an incident in the workplace by following work workplace safety procedures and respond quickly if presented with a dangerous situation.

Not only because of these intangible benefits but because of also every organization is legally responsible for providing the safety training mandated for their industry by Regulatory Authorities. Maintaining records that details course completion dates and certification status of employees is crucial because it helps pinpoint the safety training requirement that still needs to be addressed.



AUDIT, TRAINING & REFRESHER COURSES Rado



"TRAINING MANAGEMENT SYSTEM" - A customized solution

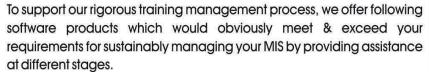
As a best management practice, we follow the four stage process for Training' as defined by the ISO-10015: Guidelines for Training. This automatically helps organisation in strengthening their ISO program, those have already accredited with ISO Certification and also for those which are in process of ISO certification. As your training partner, our team shall work collaboratively with you to develop training solution that will meet the operational and strategic needs of your business. We shall provide most efficient and effective training solution for you by:

- Understanding your business including background, nature of your business, and structure as well as your training expectations, concerns and challenges.
- ▶ Determining the gap in knowledge and skill sets required of your learners, if required.
- Developing and providing the content that suits your requirement.
- Assessing the efficacy of the provided solution.

A comprehensive solution for all your training needs comprising of following elements are being offered. However, we offer enough flexibility for an organisation to choose from any of the element individually or multiple to get support from us.

- Training MIS development
- ▶ Competency setting, assessment & GAP analysis
- ▶ Training needs assessment & calendar development.
- Customized training module
- Training and Evaluation
- ▶ Trend analysis & management reports
- ▶ Training statistic & KPIs

Software Tools



- Training MIS package- Customized software package covering all aspects of all the training cycle.
- ▶ Training modules- Ready to launch, self learning style topic based packages.



PROCESS OPTIMISATION





<u>Process</u> <u>Optimisation</u>

"Radcorps Fire & Safety Pvt Ltd"

has ventured into
"Complete Solution for Fire & Safety"
technical service provider with a strong
team of Fire, Environment, Health &
Safety professionals with varied
experience of world leading multinational
industries and a positive outlook towards
safety. The team intends in helping your
organization design, deliver, manage and
sustain 'Safe' culture a workforce and
long with developing a competent
shall work collaboratively with you to
develop training solution meet the
operational and strategic needs of your

business

Fire Protection
Engineering

Functional Safety
Engineering

HSE Technical Trainings

HSE Design
Engineering &
Project EHS
Support

Operational
Safety Engineering

Fire & Gas Detection - Consultancy





offers end-to-end technical and engineering services to optimise performance in the areas of Fire & Gas compliance, operations and engineering to clients in the chemical process, petrochemical, oil & gas, power and pharmaceuticals industrial sectors to list a few.

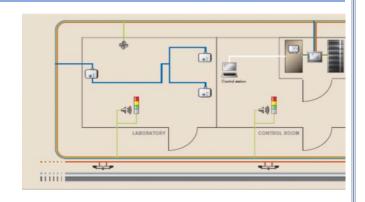
has a very strong team of Fire & Gas experts with a broad range of design and operational experience across all industrial sectors. It allows us to offer hands-on and logical guidance to process operators / users and assistance to translate a recommendations into constructive solutions.

Rwith back-hand support from world renowned names in Fire & Gas detection systems; present our support in all stages of operations; new projects and modifications, supporting and improving existing operations and the important areas of improving the safety and environmental performance of operations.

Fire & Gas systems play a pivotal role in safeguarding people, processes, assets and the environment through continuous monitoring emissions / releases like heat, smoke and toxic or combustible gas levels within operating zones, and provide ALERT of an abnormal situation before it becomes an impending hazard.

We offer support in following areas....

- Property Property Property 19 Property
- Prixed Fire & Gas detection system design
- Layout & Specifications
- Proprieta in Pr
- Proprieta in Pr
- Installation & Commissioning
- Other customised services



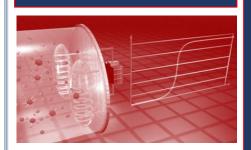
Fire & Gas Detection - Solutions Rad

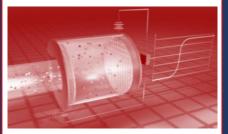




Catalytic Sensor

The working principle of these sensors is based on flammable gas oxidation on the surface of a catalytic element with electric heating





<u>Electrochemical</u> <u>Sensor</u>

The working principle of these sensors is based on the measurement of the current established between a sensing electrode

Infrared Sensor

The working principle of these sensors is based on the gases absorb light energy at a specific wavelength, typically in the infrared range.



Fire & Gas Detection - Other Solutions



Toxic Detection

















Combustible Detection





















Flame Detection







Controllers





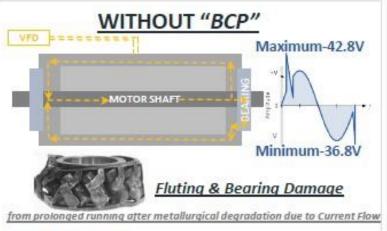






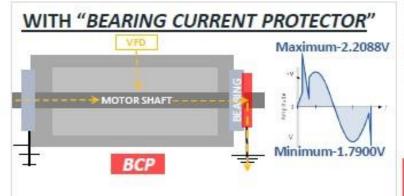
Bearing Current Protector - "BCPs"





Disadvantages

- Under Utilized Bearing Life
- Increased Down Time & Lags
- Increased Total Ownership Cost
- Exponential graph for vibration levels
- Bearing failure...etc



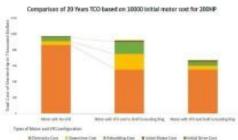
Advantages

- Exponential reduction in damage to Motor
 & Bearings
- Phenomenal reduction in Total Ownership

 Cost.
- Safety of Men & Material assured

Application: -Electrical Generators, Propulsion Gearboxes, -Rudder Control
Motors, -Bow Thrusters, -Fuel Pumps, -HVAC
Chillers, -Refrigeration Compressors, Desalinization Pumps, -Potable Water Pumps,
-Black Water Tank Pumps, -Ballast Treatment
Pumps, -Bilge Pumps, -Onboard Cranes and
Winches, -Hold Hatch Motors, -Anchor Winch
Motors, Materials Handling Pumps and

TOTAL OWNERSHIP COST



VFD reduces Electricity cost but increases Downtime and Rebuilding Cost

"BCP" a must for VFD driven motor

Reduced Overheads Cost,
 Enhanced Productivity
 Optimisation, & Peace of
 Mind assured

Fire & Gas Detection - Consultancy Rado



Benefits to you...

Rother capabilities...

Working with 'Radcorps' process safety engineering services, fetches wide

ranging benefits including:

✓ Ready operationally access to focused experienced engineers

✓ Association to specialists in other engineering disciplines

✓ Pragmatic approach

✓ Experienced safety engineering team at your disposal

✓ Efficient and effective working supported by leading edge approaches and tools including our indigenous tools for safe and reliable process calculations

Fire Protection Engineering

Process Safety & Loss Prevention

Engineering

Functional Safety Engineering

Construction Safety Management

HSE Design Engineering & Project

HSE Support

HSE & F Technical Trainings

Process Optimisation

Our Clientele



and many more.....



Thankyou



Radcorps Group

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