

Pyrocrat Systems LLP

Leaders in Waste Plastic/Tire to Oil Pyrolysis Plants

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- Raw Material Specifications & Sources
- ★ Finished Product Specifications
- ★ Pyrolysis Business Model
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Plastic to Oil

Raw Material



End Products

(Used as replacement to Coal)



Naw Material	rrocessing	Life Floatets
Waste Plastic: 10,000kg	Pyrolysis Reaction in	Pyrolysis Oil: 7000 to 9000lit
(Post Consumer Plastic	presence of catalyst & in	(Synthetic fuel used in electricity
Waste, Carry Bags,	absence of oxygen at	generators, industrial burners,
Laminates, Packaging	reaction temperature of	industrial boilers, furnaces,
Waste, Paper Mill Waste	350 to 450°C.	thermic fluid heaters, hot
Plastic, Municipal Solid	Hydrocarbon gas produced in	water/air generators, etc.)
Waste Segregated Plastic)	processed is used to achieve	Carbon Black:
	reaction temperature.	(in the state of t

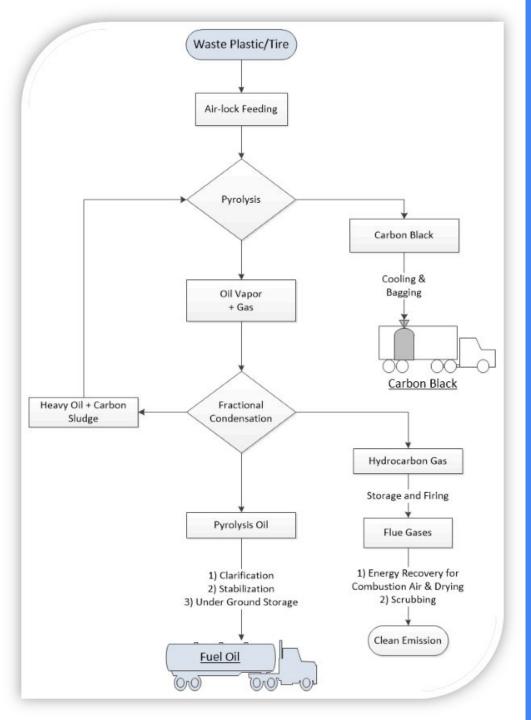
Processing

Tite to Oil





Raw Material	Processing	End Products
Waste Tires: 10,000kg (Nylon & Radial Tires of all sizes, rubber)	Pyrolysis Reaction in presence of catalyst & in absence of oxygen at reaction temperature of 350 to 450°C. Hydrocarbon gas produced in	Pyrolysis Oil: 4500 to 6000lit (Synthetic fuel used in electricity generators, industrial burners, industrial boilers, furnaces, thermic fluid heaters, hot water/air generators, etc.)
	processed is used to achieve reaction temperature.	Carbon Black: (Used as replacement to Coal)



Process Flow Chart

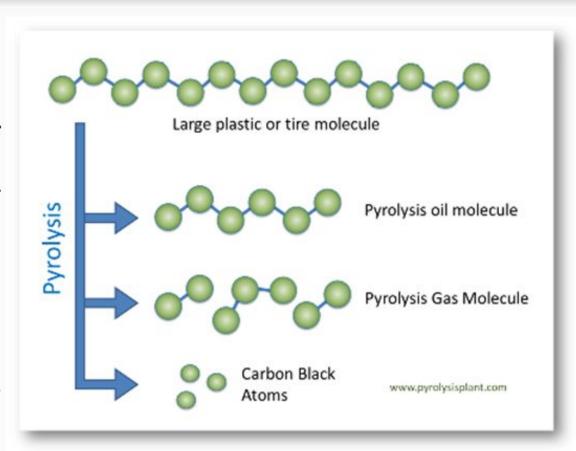


Overview - What is Pyrolysis

«Pyro = heat. Lysis = break down.

«Pyrolysis is chemical reaction. This reaction involves molecular breakdown of larger molecules into smaller molecules in presence of heat.

«Pyrolysis is also known as thermal cracking, cracking, thermolysis, depolymerization, etc.



Raw Material Specifications

- Waste Plastic Scrap (Rs 2 to 8/kg)
- Packaging & Multilayered Plastic Waste
- Waste Tires
- PE & PP Derivatives
 (95% of plastic is suitable)

No need for cleaning. 5% dust & 5% Moisture is Acceptable.





Raw Material Sources

Paper Recycling Mill Waste
Plastic - Landing Cost Less than
Rs 2 per Kg, Oil yield 50%



Municipal Solid Waste Segregated Waste Plastic - Landing Cost Less than Rs 2 per Kg, Oil Yield 70%





Other Raw Material Sources

- ★ Plastic Scrap Dealers
- ★ Packaging Material Waste
- ★ Waste plastic gunny bags
- ★ Industrial packaging material waste

Pyrolysis Oil Specifications



: 2:

LAB REPORT NO:-MUM/22334/2011

DATE RECEIVED: 01.03.2011

DATE REPORTED: 05.03.201:

Sample Label: Pyrolysis Oil

Sr. No.	Test	Method	Unit	RESULTS
1	Density@15°C	ASTM D 1298/99	g/ml	0.8108
2	API Gravity@60°F	ASTM D 1298/99		42.8
3	Flash point	ASTM D 93/08	°C	<40
4	Kinematic Viscosity @ 40°C	ASTM D 445/06	mm²/s	1.471
5	Appearance	Visual	-	Clear/Brown
6	Conradson Carbon Residue	ASTM D 189/06	%wt	0.062
7	Asphaltine Content	IP 143	%wt	< 0.01
8	Ash Content	ASTM D 482/07	%wt	0.0028
9	Pour Point	ASTM D 97/08	°C	12
10	Calculated Carbon Aromatic Index	ISO 8217		785
11	Sulphur Content	ASTM D 4294/08a	%mass	0.0137
12	Water by Distillation	ASTM D 95/05	%vol	0.05
13	Calorific Value	ASTM D 240/07	cal/g	10293
14	Distillation(at 760 mm Hg) IBP 05% Recovery 10% Recovery 20% Recovery 30% Recovery 30% Recovery 40% Recovery 50% Recovery 50% Recovery 70% Recovery 70% Recovery 90% Recovery 90% Recovery 90% Recovery	ASTM D 86/08b	ئۇرۇمۇرۇمۇر	64.0 96.0 113.0 142.0 169.0 193.0 222.0 245.0 280.0 329.0 382.0 386.0



Test report shall not be reproduced except in full with out the written approval of the laboratory. Submitted samples were not drawn by the Laboratory. The result relate only to the sample tested.

The above mentioned analysis is carried out by Intertek Laboratories, unless marked as witnessed (* *

 When analysis is witnessed by us, our responsibility is solely to ensure that the analysis is conducted to standard test methods in accordance with inclusely accepted practice. We are not responsible for apparatus, instrumentation and measuring devices, their calibration or working order. Reagents and solutions are accepted as prepared. From Tyre:

Calorific Value: 10,150

Flash Point: <40 degree C

Pour Point: -21 degree C

• From Plastic:

Calorific Value: 10,000

Flash Point: <40 degree C

Pour Point: -4 degree C

Applications: Power plants, electric generators, boilers, diesel pumps, furnaces, hot water generators, hot air generators, thermic fluid heater etc.

Note: Calorific value or Energy content is same as vehicle grade diesel.





Pyrolysis Oil buyer use it as a substitute to industrial diesel in:

- ★ Bitumen Hot Mix Plants
- **★** Boilers & Furnaces
- ★ Hot air/ Hot water generators
- ★ Power Plants Thermal & Electric Generators
- **★** Thermic Fluid heaters



Raw Material Testing Plant makes the business predictable

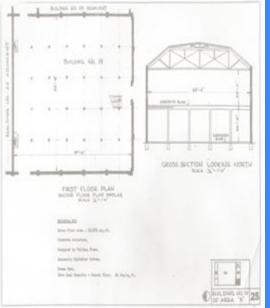
Waste Plastic Raw Material Testing:

Predict Oil Yield and Production Cost using the laboratory scale pyrolysis plant.



Project Brief





Plant Capacity in Tons Per Day:	3	6	12
Plant Capacity in Tons Per Annum:	900	1800	3600
RE SOURCE S			
Raw material Plastic/Tire (kg/day)	3,000	6,000	12,000
Catalyst additive "A" consumption (kg/day) (Yr 2013 market price is USD 2.2/kg)	30	60	120
Catalyst additive "B" consumption (Kg/Day) (Yr 2013 market price is USD 4.5/kg)	3	6	12
NaOH Reagent consumption by off gas cleaning system (scrubber) (Kg/day)	0.5	1	2
Water requirement per day (lit)	200	400	600
Electrical connection (HP)	60	85	120
Personnel: Per 24 Hrs			
Plant Head	1	1	1
Unskilled workers	9	12	16
Skilled Operators	3	3	3
Land Area (m²)	600	1000	1800
Built-up Factory Shade Area (m2)	250	500	750
Machinery:			
Machinery Manufacturing time (Months)	3	3	4
Factory Installation time (Months)	1	1.5	1.5
OUTPUT	1		_
Pyro oil output with Plastic as raw material (lit/day)	2100	4200	8400
Pyro oil output with Tire as raw material (lit/day)	1350	2700	5400
Carbon black output (Plastic as raw material) (Kg/day)	540	1080	2160
Carbon black output (Tire as raw material) (Kg/day)	1050	2100	4200

Project Brief

Plant Input Capacity in Tons per Day:	3TPD	6TPD	12TPD
Payback Period (years)	3.5	3	2
Lead time (months)	4.5	5.5	6.5

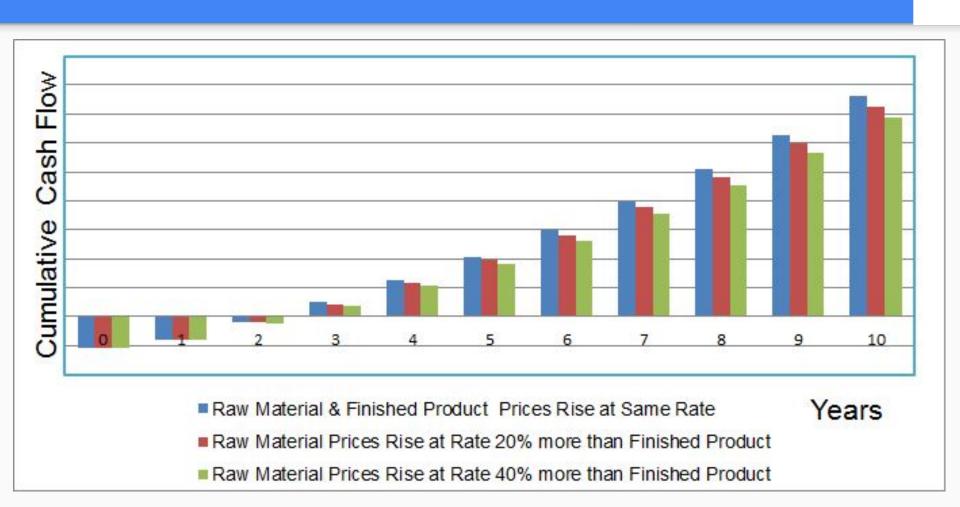
Financials of 12 TPD Plastic/Titre to Oil Plant

(Please contact us for detailed calculations)

		INR	US\$
1	Total Capital Investment	55,345,050	826,046
2	Annual Production Cost	32,467,107	484,584
3	Annual Revenue	63,405,000	946,343
4	Annual Profits Before Tax	30,937,893	461,760
5	Oil Production Cost per Lit	15.33	0.23
6	Break Even Capacity	29.78%	29.78%

12TPD Plant: Return on Investment: 2 to 3 Years

(Please contact us for detailed calculations)



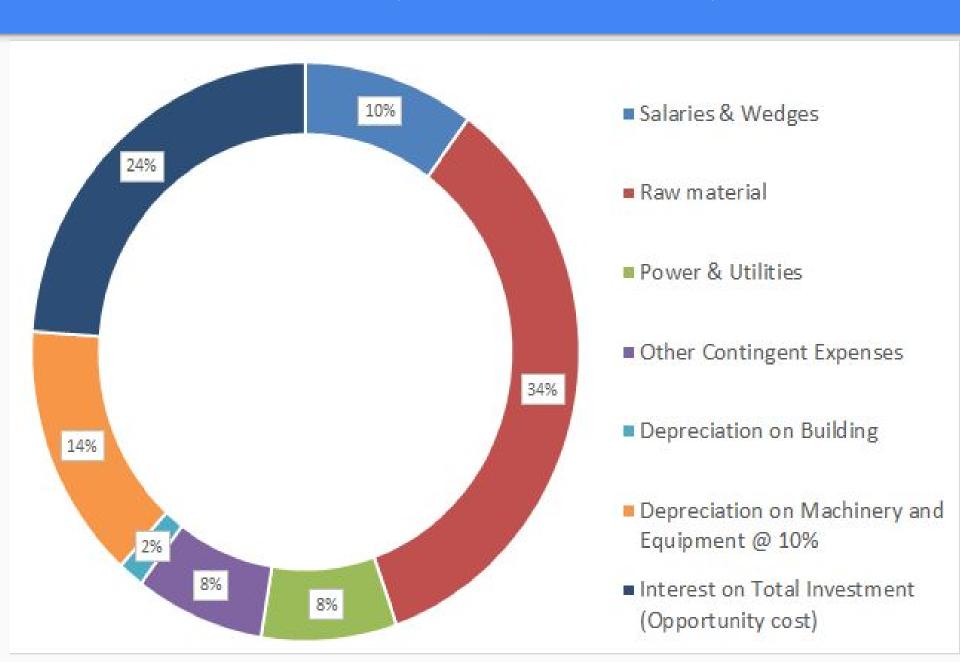
Online video Link:

http://www.pyrolysisplant.com/video/





Breakup of Oil Manufacturing Cost (Assuming 14% Interest Rates)^I





Bright Environmental Solutions Pvt. Ltd.

Plot No.77/602, Anand Villa, A-Wing, 6th Floor, 5th Road, Khar (W), Mumbal - 400 052. Tel.: +91-22-3243 6969 E-mail : bes@brightgroup.org

02/04/2014

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s PYROCRAT SYSTEMS LLP has designed, installed and successfully commissioned 5TPD Pyrolysis facility (Waste plastic to Fuel) on Turnkey basis at our site, Khopoli, Tal Khalapur, District Raigad, Maharashtra, India – 410203

Pyrocrat Systems LLP has exceeded our expectations of establishing 5TPD Pyrolysis Project. Their dedicated team of engineers provided us sustainable pyrolysis solution needed to convert 5MT of waste plastic daily into oil, carbon and gas. Pyrocrat Systems LLP also supported us during plant installation & commissioning by deputing their expert team of engineers and responded in time to initial start-up challenges of the plant.

Overall we are satisfied with the performance of the pyrolysis plant established by Pyrocrat Systems LLP.

For Bright Environmental Solutions Pvt Ltd





www.brightgroup.org

"Pyrocrat exceeded our expectations of establishing **5TPD Pyrolysis Project**. Their dedicated team of engineers provided us sustainable pyrolysis solution needed to convert 5MT of waste plastic daily into oil, carbon and gas. Pyrocrat also supported us during plant installation & commissioning by deputing their expert team of engineers and responded in time to initial startup challenges of the plant. Overall we are satisfied with the performance of the pyrolysis plant established by Pyrocrat Systems LLP."

Mr Pritpal Bright, Director,
 Bright Environmental Solutions Pvt Ltd.





Date: 15-07-2012 REF: AVEI/12/312

To: Whomsoever It May Concern

This is to inform that M/s Pyrocrat Systems LLP have designed, installed and successfully commissioned 2.5TPD Pyrolysis Plant on turn-key basis at Vijaywada, Andhra Pradesh. We confirm that Pyrocrat has executed the project to our satisfaction and the pyrolysis plant is producing good quality of pyrolysis oil and carbon black.

Pyrocrat has also supported us during the plant start-up by deputing their experienced team and responded well to initial start-up issues of the plant. Overall, we are satisfied with the performance of the machinery and technology.

Regards, My

Mr A. Kalyan,

Authorised Signatory,

Alta Vista Eco Industries

This is to inform that M/s Pyrocrat Systems LLP have designed, installed and successfully commissioned 2.5TPD Pyrolysis Plant on turn-key basis at Vijaywada, Andhra Pradesh. We confirm that Pyrocrat has executed the project to our satisfaction and the pyrolysis plant is producing good quality of pyrolysis oil and carbon black.

Pyrocrat has also supported us during the plant start-up by deputing their experienced team and responded well to initial start-up issues of the plant. Overall, we are satisfied with the performance of the machinery and technology.

Mr A. Kalyan, Director, Alta Vista Eco
 Industries

COMMISSIONING REPORT OF PYROLYSIS PLANT AT LR-12 (line 1)

Commissioning of the Pyrolysis Plant was carried out on 14 / 98 / 2015 at Lisonel Resources

Pyt-btd Plant P checks, hot bolting of hot air pipe lines flanges was done at certain temperature. When raw material temperature reach than raw material feeding starts at time in hours. When the vapour were generated, then once again hot bolting of vapour pipe lines flanges and reactor flanges was done.

THE COMMISSIONING PROCESS WAS COMPLETED SUCCESSFULLY.

Plant is being run by the Ex. Mahipad, Ex. Mayendre, Mx. ATUb under the guidance and supervision of Pyrocrat Systems LLP (14/28/2015 to 24/28/2015). Pyrocrat has also provided two days cleaning, inspection and maintenance training. (Training Period - 1st (13/18/2015 to 13/18/2015), 2nd (13/18/2015 to 13/18/2015).

Feed stock record with pneumatic feeding system.

Batch no.	DATE	Feeding (Hrs)		R M Feeding	Oil obtained approx.	Water	TIAA	Carbon obtained approx. (Hrs) (KG)			Gas obtained
		START	STOP	(KG)	(Litre)	(Liter)	(Litre)	START	STOP	QTY	approx. (Kg)
1	17/8/15	11:21AM	3:15 PM	1410	747	70		5:10 PM	6'.20pm	415Kg	140
2	17/8/15	6:36PM	11:05PM	1700	835	75		2:55 AM	3:45AM	29518	105
3	18/81	4:30 AM	10:10 AM	1700	873	78		12:30 PM	1:50PM	622Kg	105
4	18/8/12	2:00PM	6:40PM	1700	805	75		9:25PM	10:35PM	566kg	210

Feed stock record with piston feeding system.

Batch no.		Feeding (Hrs)		R M Feeding	Oil obtained approx.	Water	(Liter) WAX	Carbon obtained approx. (Hrs) (KG)			Gas obtained approx.
		START	STOP	(KG)	(Litre)	,,	(Litre)	START	STOP	QTY	(Kg)
1	24/8/15	4-10 PM	6:50PM	750	285			9:53PM	11:00PM	360 kg	46.2
2	24/8/15	11:50 bW	3:00 AM	950	705			4.45AM	6:10 AM	500 Kg	75.25
3.	25/8/15	6:00 PM	8130 PM	1000 kg	650			11:32PM	12:55AM	360Kg	105
4.	26/8/15	Z:30 AM	5:30AM	800Kg	546			8:10AM	8:45AM	243kg	80.5

Observations: - Plant is running normally and achieved a capacity in Ton production of the plant within 24 Hours. Details of production are given in table. Performance of all running / rotary machineries are normal and satisfactory. Pyrocrat handed over the plant to us and the commissioning team had left the plant on \(\frac{3}{4}\)/\(\frac{2}{15} \) on good note and as discussed plant operation is further continued by us.

PLANT NAME- Lionel Resources put btd.

Showesh C Quent

Pyrocrat Systems LLP completed commissioning of purchased 10TPD Plastic to Pyrolysis plant on 14-8-2015 at our Rajkot site. Pyrocrat's engineers achieved 10.2MT plant capacity during commissioning. Pyrocrat trained our engineers Mr Mahipat, Mr Narendra & Mr Atul. Pyrocrat team handed over the plant to us for operation no 9-9-2015.

> - Plant commissioning Report by Mr B Ravani, Lionel Resources Pvt Ltd



SHREE SHARDA INDUSTRIES

BEHIND ADINATH KATTA, MADHUBAN INDUSTRIAL AREA, SILORA, KISHANGARH

To Whomsoever It May Concern

This is to inform that M/s Pyrocrat Systems LLP have designed, installed and successfully commissioned 2.5TPD Pyrolysis Plant on turn-key basis at Shree Sharda Industries at Behind Rishab Tyre Factory, Adinath Dharam Kata Street, Khodamata Industrial Area, Udalpur Kalan, Kishanghar, Ajmer, Rajsthan – 305 001

We are happy to inform that Pyrocrat has executed the project to our satisfaction and the pyrolysis plant is producing good quality of pyrolysis oil and carbon black.

Pyrocrat has also supported us during the plant start-up by deputing their experienced team and responded well to initial start-up issues of the plant. Overall, we are satisfied with the performance of the pyrolysis plant commissioned by Pyrocrat.

For Shree Sharda Industries

Authorized Signatory

This is to inform that M/s Pyrocrat Systems LLP have designed, installed & successfully commissioned 2.5TPD Pyrolysis plant on turnkey basis at Shree Sharada Indusries at Khodama Industrial Area, Udaipur Kalan, Kishanghar, Ajmer, Rajastran – 305 001 on 20-June-2014.

We are happy to inform that Pyrocrat has exceeded our performance expectations & said pyrolysis plant is producing good quality of pyrolysis oil & carbon black.

Pyrocrat has also supported us during the plant startup by deputing their experienced team and responded well to initial start-up issues of the plant. Overall, we are satisfied with the performance of pyrolysis plant commissioned by Pyrocrat.

Saurabh Garg, Director, Shree Sharda Industries

PYROCRAT SYSTEMS LLP

'CE Certified for manufacturing Pyrolysis Plants | ISO 9001:2008 Certified J-103/105, 1st Floor, Tower No. 7, Railway Station Commercial Complex, Sector 1A, C.B.D. Belapur, Navi Mambai, Mahazashtra State, India, PIN: 400 614, Navi Mambai, Mahazashtra State, India, PIN: 400 1614,

Date :-

COMMISSIONING REPORT OF PYROLYSIS PLANT AT ECO ENERGY (PUNE).

Persons from Pyrocrat systems LLP involved in commissioning of the plant:-Mr.Ramadhar Mr.Vikram and also client's team were involved in commissioning of the plant.

1" commissioning of plant was started on 19-12-2014. HAG firing was started at 11:11hrs. In first commissioning. Pyrocrat engineers check the working of all equipment's amachinery's of plant. Hot botting of hot air pipe lines flanges, apour pipe lines flanges and reactor flanges was successfully completed. Approx.7 Ton raw material feeding of successfully done.After I" successfull completion of plant commissioning, plant was taken for shutdown on 25-12-2014 for gengral inspection of the condensers, vapour lines, cleaning of product transfer pump & for cleaning filters.

2nd Commissioning of the Pyrolysis Plant was carried out on 27-12-2014 at Eco Energy, Sanswadi, Pune, Maharashtra after performing preliminary check-ups.

Plant is being run by the Client's team under the guidance and supervision of Pyrocrat

HAG firing for 2nd commissioning of the plant was started on 27-12-2014 @ 12:40 hrs. with following results –

Batch no.	Feeding started on	R M Feed Qty. approx.(KG)	Oil obtained approx.(Liter)	Wax / Carbon obtained approx.(KG)	Gas obtained approx.(Kg)	Batch completed on
1	14:40	1000	450	50/300	120	00:00
2	12:20	1000	550	50/250	140	9:00
3	9:20	1000	565	35/350	75	19:40
4	21:20	1100	550	60/350	120	7:30
5	7:45	1100	510	40/510	120	16:30

Observations: -Plant is running normal and achieve the production of plant. Details of production are given in above table. Performance of all running / rotary machineries are normal and satisfactory. Pyrocrus Systems LLP team left the site with good faith on 09-01-015 @11:00 hrs. and as discussed plant operation is further continued by the client's team.

Pyrocrat Engineer

Sanam kolul

Client Engineer/ Client

Sprange

Pyrocrat supplied us 3TPD capacity waste plastic pyrolysis plant. The plant was commissioned by Pyrocrat systems LLP between 27-12-2014 to 9-1-2015. Pyrocrat's engineers, Mr Ramadhar and Mr Vikramdas effectively trained our operators for effective operation and maintenance of the plant.

 Plant commissioning Report by Mr Arun Karanje, Eco Energy



Date: 03/12/2015

COMMISSIONING REPORT OF PYROLYSIS PLANTAT PLANT CODE(EDGEOGE

Commissioning of the Pyrolysis Plant was carried out on 25-10-15 at Plant Name with Address. HAG firing started at time in hrs. While commissioning, Pyrocrat engineers checked the working of all equipment's and machinery's of plant. After performing preliminary checks, hot bolting of hot air pipe lines flanges was done at certain temperature. When raw material temperature reach than raw material feeding starts at time in hours. When the vapour were generated, then once again hot bolting of vapour pipe lines flanges and reactor flanges was done.

THE COMMISSIONING PROCESS WAS COMPLETED SUCCESSFULLY.

Feed stock record with pneumatic feeding system.

Batch no.	DATE	Feeding (Hrs)		R M Feeding		Water		Carbon obtained approx. (Hrs) (KG)			Gas obtained
		START	STOP	(KG)	(Litre)	(Liter)	(Litre)	START	STOP	QTY	approx. (Kg)
1	27-11	10.32	15.45	1800	845		115	18.00	18.35	400	80
2	27-11	19.00	23.05	1800	860		TO	03.10	04.10		100
3	28-11	16.17	20.30	1800	960		120	02.45	03-20	350	90
4	02-12	09.10	14.00	2000	1117		130	17.05	17.45	500	120

Observations: -Plant is running normally and achieved 5.4. Ton production of the plant within 3.4. Hours. Details of production are given in table. Performance of all running / rotary machineries are normal and satisfactory. Pyrocrat handed over the plant to us and the commissioning team had left the plant on DD-MM-YY on good note and as discussed plant operation is further continued by us.

PLANT NAME - EOGE - 06

CLIENT SIGNATURE

Pyrocrat Systems LLP installaed and successfully commissioned 6TPD Pyrolysis plant at our site in Bhopal, MP, India. On the day of commissioning 3-12-2015, plant performed at plastic processing capacity of 5400kg per 24 hours. Pyrocrat adequately trained our plant operators, Mr Shiva & Mr Navin for effective plant operation, cleaning & maintenance. Performance of machinery was found satisfactory.

 Plant commissioning Report by Mr Rakesh, Manager, Eco Oil & Green Energy Pvt Ltd

Operational Certification

Of

Pyrolysis Plant of 2.5 TPD

Supplied by

M/S Pyrocrat Systems LLP, Navi Mumbai

Certification By



CERTIFICATION ENGINEERS INTERNATIONAL LIMITED

(A Govt. of India Undertaking, Subsidiary of EIL)

We are pleased to issue this Operational Certificate in respect of the 'M/S Eco Energy' Pyrolysis Plant (EE2.5), Pune which is designed, supplied and Erected by M/S Pyrocrat Systems LLP, Navi Mumbai.

This Plant was visited on 30th June 2015 by the team of CEIL Experts and various significant aspects during operation were verified. The documentation of the supplier M/S Pyrocrat Systems LLP, Navi Mumbai was also verified in their office on 1st July, 2015.

- AK Gupta, Certification Engineers International Limited (A Govt of India Undertaking, Subsidiary of Engineers India Limited)



Bureau Management Certification Pbt. Itd.

CERTIFICATE OF ECTYPE EXAMINATION

PRESSURE EQUIPEMENT DIRECTIVE 97/23/EC (MODULE - H) and MACHINERY DIRECTIVE 2006/42/EC

Manufacturer: M/s. PYROCRAT SYSTEMS LLP

Address

: J 103, First Floor, Tower No. 7,

Railway Station Complex,

C.B.D. Belapur, Navi Mumbai - 400 614

Maharashtra - INDIA

Type of Pressure Equipment and Machinery: 2.0, 5.0 and 10.0 TPD - Depolymerisation Plant

Category :

It is hereby certified that M/s Bureau Management Certification Pvt. Ltd. has Examined the above Equipment which meets the safety requirements of Appendix 1 of the 97/23/EC Directive also meets the safety requirements of the 2006/42/EC.

The results of the above examination/inspections/tests were satisfactory. Therefore the manufacturer is obliged to issue a Declaration of conformity to 97/23/EC and 2006/42/EC the European Directives and places CE Marking with his own Responsibility as follows:



Preconditions:

It is required that the above equipment must always be accompanied with by Manufacturer's declaration of conformity and relevant instructions for its use.

The data pertaining to this certificate was gathered with every possible accuracy and thoroughness. This certificate reflects the findings of the Equipment at the time and place of the Audit for this certificate. Reproduction of this document is strictly forbidden.

CERTIFICATE NO. : BMCPL/CE/0010/12-13 Date of Issue : 24 January 2013

Valid up to: 23 January 2018

N. Suff.

Bureau Management Certification Pvt. Ltd.

Office: 407, Vindhya Complex, Sector-11, CBD Belapur, Navi Mumbai – 400 614. Tel:+919769103355. Web: bmcertification.com, Email: admin@bmcertification.com Office: 5, Crediton Hill, West Hampstead, London NWG 1HT, Email: adminlondon@bmcertification.com

CE Certification of 2, 5 & 10 TPD Plant: Confirmation of European Standards



ISO9001:2008 Certificate



Technology Patent Filed in India and Abroad

FORM 5 THE PATENT ACT, 1970 (39 OF 1970)

The Patents Rules, 2003 DECLARATION AS TO INVENTORSHIP [See section 10(6) and rule [3(6)]

I. Applicant Name: Suhas DIXIT

hereby declare that the true and first inventor of the invention disclosed in the complete specification filed in pursuance of the provisional application number 1727/MUM/2014 with Indian patent Office, Mumbai on 2374 May 2014 entitled "An apparatus for pyrolysis of polymer waste and the process thereof" is

INVENTOR

Name: Suhas DEXIT Nationality: Indian

#A-7, Sukalp CHS, Plot No. 36

Sector 11, Kharghar, Navi Mumbai

Maharashtra, India

Duted this August 2, 2014

Las S. Shir a) Signature:

Name: Suhas DIXIT

The Controller of Patents, The Patent Office, At Chennai

PATENT OFFICE

INTELLECTUAL PROPERTY BUILDING 7010;24141026 Fax No. 882 24136367

Docket No 16545

BINDU SHARMA

no 213, Sobha Aquamarine, Sarjapura Outer Ring Road, Bellandur

E-22121/2014/MEM 727/MES/ME2014 E-63199-2614/MUM 1727/MEM/2014

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Total Amount: ₹ 3680

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Feel free to contact us:

- ★ Mr SS Dixit, Founder & Managing Partner, sd@pyrocrat.com, +91 99302 05577
- ★ Mr Santosh Sonawane, Sr. Business Development Manager, +917506333401, sales@pyrocrat.com

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