HALF YEARLY COMPLIANCE REPORT FOR PROPOSED REDSIDENTIAL CUM COMMERCIAL PROJECT OF JOYALUKKAS AT VAZHAKALA

EC NO: 21/SEIAA/KL/87/2012 dated 14-11-2012

DECEMBER 2013 TO MAY 2014



Joyalukkas India Pvt.Ltd

Peeves Trition, Marine Drive, Kochi, Kerala-682 031

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REDSIDENTIAL CUM COMMERCIAL PROJECT OF JOYALUKKAS STATUS OF COMPLIANCE TO THE CONDITIONS MADE WHILE GRANTING ENVIRONMENTAL CLEARANCE

1. Introduction

It is proposed to develop a residential cum commercial project at Vazhakala village ,Kanayunnur Taluk ,Ernakulam District ,Kerala in Re-Sy.No 42/1,Block No.9 by M/S Joyalukkas India Pvt.Ltd (formally Joy Alukkas Traders (India)Pvt.Ltd). Joyalukkas India Pvt.Ltd is a private company having its correspondence office at Peeves Triton, Marine Drive, Kochi, Kerala-682 031. The company purchased the land for the construction in the name of Joy Alukkas in the year August, 2003 .The project site fall within Thrikakkara Municipality and the land use in conformity with the CPD of Kochi.

The proposed building has a total buildup area of 46,487.86 sq.m. and maximum number of floors are basement, lower ground, upper ground + 24 floors. The estimated cost of the project is 58 Crores .The project was accorded Environmental clearance by State Level Environmental Impact Assessment Authority (SEIAA), Kerala vide letter NO: 21/SEIAA/KL/871/2012 dated 14th November, 2012. The conditions lay out while granting the clearance along with the compliance to the same is followed. Presently the construction of basement, ground and first floors are going on.

 Table 1.
 Status of Compliance to the Conditions made while granting Environmental Clearance

Sl.No	Condition	Compliance
A. Spe	ecific Conditions	
1	Assurance that the Place left in	'Purambokku' land between the road and the property of the proponent, left in the front
	the front region of the project site	region of the project site has not encroached by the proponent. In future also there won't
	as shown in the drawing is	be any encroachment.
	a'purambokku' land between the	
	road and the property of the	
	proponent and that it shall not be	
	encroached at any later stage.	
2	Fencing should be done all around	A temporary fencing is already given around the tower line. Permanent fencing shall be
	the tower line	provided along with the progress of the construction activities.
B. Ger	neral Conditions	
1	Rain water harvesting to collect	A roof top rain water harvesting facility is envisaged for the project and a water storage
	and utilize the entire water falling	tank of capacity 1,500 KL would be also constructed for the collection of rain water.
	in land area should be provided.	Provision will be made for the Filtration and Disinfection of this water. This facility shall
		be incorporated along with the construction activities.
2	Environmental Monitoring Cell	Environmental Monitoring Cell has already formed at the time of first half yearly
	should be formed and made	compliance and the detail of the Cell is presented in Annexure I for reference.

Sl.No	Condition	Compliance
	functional.	
3	Suitable avenue trees should be	Avenue trees will be planted along either side of the tarred road and parking areas. The
	planted along either side of the	landscape map and list of species have been already proposed during the first compliance
	tarred road and parking areas, if	and is presented as Annexure II for reference.
	any.	
4	The project may incorporate	A 20 kWp solar power plant is integrated in the project design and would be developed
	devices of solar energy generation	and implemented as part of the project accordingly.
	and utilization wherever possible.	
5	In case of any change in the	There is no change for the scope of the Project, so far. Any change in the future will be
	scope of the project, the project	duly intimated to SEIAA.
	would require a fresh appraisal by	
	this authority	
6	The authority reserves the right to	Project proponent will comply with any additional conditions or modifications of existing
	add the additional safeguard	conditions up to the satisfaction of SEIAA.
	measures subsequently, if found	
	necessary ,and to take the action	
	including revoking of the	
	environmental clearance under the	
	provisions of Environmental	

Sl.No	Condition	Compliance
	(protection) Act,1986, to ensure	
	effective implementation of the	
	suggested safe guard measure in	
	the time bound and satisfactory	
	manner	
7	All other statutory clearances shall	All statutory clearances applicable to the project, was already obtained at the time of first
	be obtained, as applicable, by the	half yearly compliance and are annexed as follows:
	project proponent\s from the	
	respective competent authorities	Building permit obtained from Thrikkakara municipality in Annexure III for reference.
		No objection certificate from Fire and Rescue Service head quarters, Trivandrum in
		Annexure IV for reference.
8	The stipulation by statutory	Official Formalities regarding the issuing of Consent to Establish from KSPCB is under
	authorities under different Acts	process.
	and notifications be complied with	
	, including the provision of Water	
	(prevention and control of	
	pollution) Act ,1974 ,the Air	
	(prevention and control of	
	pollution) Act 1981,the	

Sl.No	Condition	Compliance
	Environmental (protection)Act	
	,1986, the public Liability	
	(Insurance)Act,1991 and EIA	
	notification ,2006	
9	The project proponent should	
	advertise at least two local news	Joy Alukkas has already advertised in two local news papers and the copy of the same is
	papers widely circulated in the	presented as Annexure V for reference.
	region ,one of which shall be in	
	the vernacular language	The copy of the advertisement is being forwarded to the office of SEIAA vide nil letter
	informing that the project has	number dated 26.03.2013. The copy of the communication is presented as Annexure VI.
	been accorded Environmental	
	Clearance and the copies of the	
	clearance letter are available with	
	the Department of Environment	
	and Climate Change ,Govt. of	
	Kerala and may also be seen on	
	the website of the authority at	
	www.seiaakerala.org.	
	The advertisement should be	

Sl.No	Condition	Compliance
	made within 10 days from the date	
	of recipient of the clearance letter	
	and a copy of the same should be	
	forwarded to the office of this	
	authority as conformation.	
10	A copy of the clearance letter	Proponent has already sent a copy of the clearance letter to concerned municipality and the
	shall be sent by the proponent to	copy of the communication made is attached in Annexure VII.
	concerned municipality and also	
	the local NGO, if any from whom	The clearance letter as well as the compliance status is already available in the website of
	suggestions / representations, if	the company through the link: http://www.joyalukkaslifestyledevelopers.com/ . A copy of the
	any were received while	web display is presented as Annexure VIII for reference.
	processing the proposal .The	
	clearance letter shall also be put	
	on the website of the company by	
	the proponent.	
11	The proponent shall submit six	The half yearly compliance report shall be submitted both in hard and soft copies and the
	monthly report on compliance of	details of compliance including monitoring results shall be uploaded in the company
	the stipulated EC conditions	website. The copy of the same shall also be submitted to Director of Environment and
	including the results of monitored	Climate Change, Kerala. Approved monitoring schedule which is followed by monitoring

Sl.No	Condition	Compliance
	data (both in hard copies as well	results and pictures depicting the environmental monitoring carried out at site are attached
	as by e-mail) upload the status of	with this report as Annexure IX.
	compliance of the stipulated EC	
	conditions, including the results of	
	monitored data on their website	
	and shall upload the same	
	periodically .It shall	
	simultaneously be sent to the	
	Directorate of Environment and	
	Climate Change, Govt. of Kerala.	
12	The proponent should provide	The copy of the affidavit produced by the proponent is attached in Annexure X for
	affidavit that all the conditions	reference.
	stipulated in the EC shall be	
	scrupulously followed.	

Half yearly Compliance Report for "Go	ld Tower" at Vazhakkala Village by M/S Joyalukkas India (P) Ltd.
	ANNEXURE I
	Environmental Monitoring Cell Details

ENVIRONMENTAL MONITORING CELL

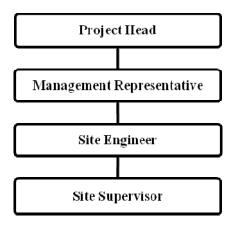
1.1 General

As per the project schedule the project execution is through PMC. All the environmental practices is being implemented through PMC and will be monitored by the project proponent. A permanent organizational set up is formed to ensure the effective implementation of mitigation measures and to conduct environmental monitoring.

The major duties and responsibilities of Environmental Management Cell are as follows:

- To implement the environmental management plan,
- To assure regulatory compliance with all relevant rules and regulations.
- To minimize environmental impacts of operations by strict adherence to the EMP.
- To initiate environmental monitoring as per approved schedule.
- Review and interpretation of monitored results and corrective measures in case monitored results are above the specified limit.
- Maintain environmental related records.
- Coordination with regulatory agencies, external consultants and monitoring laboratories.
- Maintaining log of public complaints and the action taken.

1.2 EMC structure



1.3 The roles and responsibilities of each of the EMC officer

1.3.1 Project Head -Mr. Roy James

Project Head will be the head of the Environment Management Cell and perform the following tasks:

- In-charge of EMC and will be reporting to the Executive Director, M/S Joy Alukkas about the functioning of the EMC and routinely update on the progress.
- Submit all regulatory compliance documents to concerned authority
- Planning and execution of environmental monitoring.
- Review of the report submitted by the monitoring agency, checking -the
 compliance of the results with respect to the baseline environmental conditions
 and also with the relevant standard.
- Interact with the Environmental agencies, Health department and Fire services as and when required.
- Responsible for ensuring smooth functioning of the EMC and sort out any issues whenever it arises.

1.3.2 Management Representative – Mr. Vipin Radhakrishnan

Management Representative shall be directly reporting to Project Head.

Management Representative's responsibilities will be

- Verify the reports submitted by Site Engineer of PMC.
- Make frequent site visit to the construction site and observe that good construction management practices are being followed.
- Ensure that the conditions laid out while granting the environmental clearance are strictly followed by PMC.
- Responsible for regular execution of the compliance report and reports to the head of
 the project regarding the reports of site engineer and about the status of
 environmental practices in the site.

1.3.3 Site Engineer – Mrs. Bindu shaji

Site Engineer of PMC shall be directly reporting to Management representative of project proponent.

Site Engineer's responsibilities will be monitoring of successful Implementation of

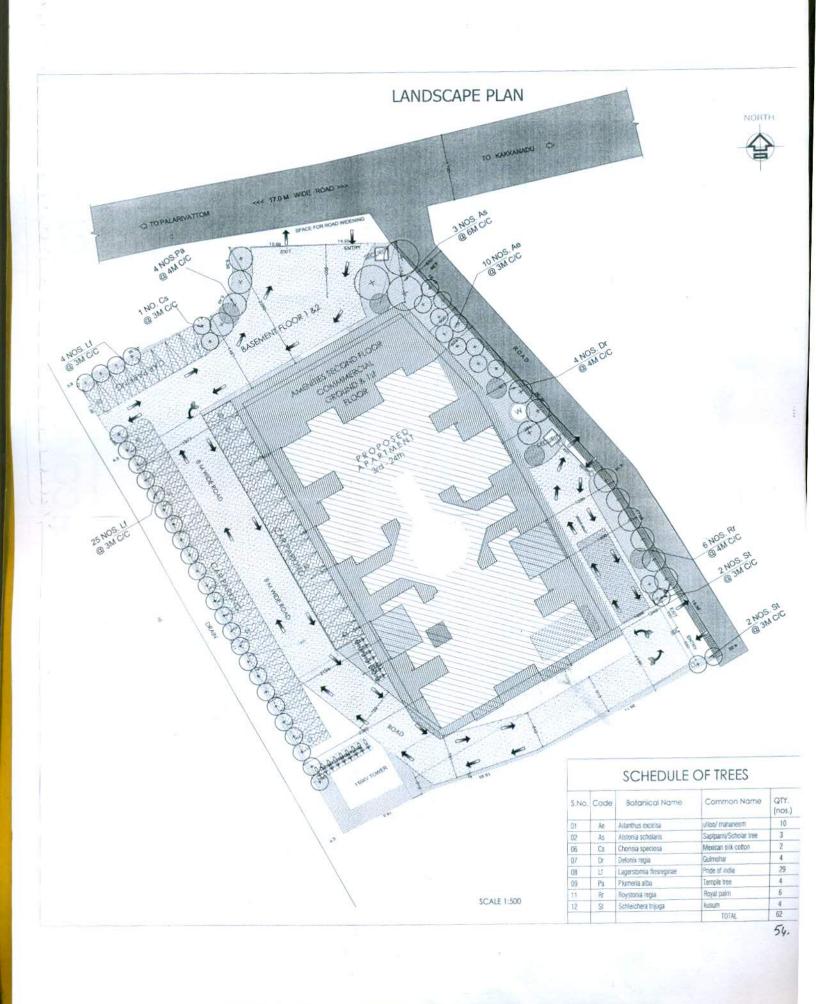
- Project activities with due consideration on not polluting the environmental conditions of in and around project site.
- Proper Water supply and sanitation facilities during construction phase
- Safe construction practices.
- Landscaping as per the landscape development plan.
- Sewage treatment Plant is being planned and executed as per the provisions.
- Preparation of monthly progress report on progress of activities and the environmental safeguards adopted.
- Assess the training requirements as suggested by Site Supervisor and execute as per the requirement.
- Ensure that all complaints are duly addressed and verified and actions taken accordingly in site.

1.3.4 Site Supervisor – Mr. Mohammed Saleem

Site supervisor and reporting to the Site Engineer of PMC and is responsible for execution of project activities such that

- Project activities with due consideration on not polluting the environmental conditions of in and around project site.
- Ensure adequate water supply and sanitation facilities during construction phase
- Safety aspects are duly followed.
- Landscaping as per the landscape development plan.
- Maintain log on the compliance made on the conditions laid out while granting EC
- Report the training requirements of the PMC and report to Site Engineer.
- Maintaining log of public complaints and the action taken.

Half yearly Compliance Report for "Gold	d Tower" at Vazhakkala Village by M/S Joyalukkas India (P) Ltd.
	ANNEXURE I
	Landscape Map of Proposed Projec



Half yea	rly Compliance Report for "Gold Tower" at Vazhakkala Village by M/S Joyalukkas India (P) Ltd.
	ANNEXURE II
	Building Permit obtained from Thrikkakara Municipality



Appendix C [See Rule II (3)]

BUILDING PERMIT

THRIKKAKARA MUNICIPALITY

No. DA-65 JUL.	× .	Date 10 2 12
Ref Application dated	iron erirem 11 Jayre	Lyllias Toxolors India
poto Ltd , Res opine,	mustine Drive, had	lá.
Permission is granted for the erection/re-e	rection/addition/alteration/demo	dition of building@unfdlggung of well/
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No	tale Taluk Ice	Sys, ad St
District Echaltulam	THE CONTRACTOR OF THE CONTRACT	
the occupancy) purpose, subject to the conditions	stated below:	
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Place: The taker of the KAKKANAD PO	211	and name of Secretary SECRETARY HKKAKARA MUNICIPALITY
(Scal) (5 (C) (Seal) (S	*	A A. there wiles shall be relled for
Notes:-(1) The development pennit or binding p three years from the date of issue and	may be renewed twice each for	in three years.
(2) The application for manual shall be affixed with necessary court fee stam	submitted to the Secretary in a p and accompanied by copy of	white paper, typed or written in ink, permit and approved plan.

(3) The fee for renewal of permit shall be fifty percent of the prevailing permit fee.

on like terms as a permit issued under these roles.

(4) The permits issued under the Kerala Building Rules, 1984 and remaining valid at the commencement of these rules shall be deemed to have been issued under these rules and may be renewed for like period and

yearry Co	этриансе керогі к	or Gold Tower a	at Vaziiakkaia Vii	lage by W/3 JC	yalukkas India (P) Lt
					ANNEXURE
	No Objec	ction Certif	ficate from	Fire and	d Rescue Ser
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"ഭരണഭാഷ - മാതൂഭാഷ'

Fire & Rescue Services Hqrs,

Housing Board Junction, Thiruvananthapuram-1 Phone:0471-2320872.

Email-keralafireandrescueservices(a)gmail.com

No.G1-11120/2012.

Dated: 04.05.2013.

NO OBJECTION CERTIFICATE (SITE)

The plan of 27 storeyed (B2+B1+G+24) height 81 metres Mercantile Cum Residential Building (Mercantile Portion upto 10.5 Metres (G+2) floors and 3rd floor proposed for service & Aminity purpose)in Survey No.42/1 in Vazhakkala Village in Thrikkakkara Municipality proposed to be constructed by M/s. Joy Alukkas Traders India (P) Ltd., Regd. Office, Marine Drive Cochin was verified by the Scrutiny Committee, Fire & Rescue Services Headquarters, Thiruvananthapuram on 02.01.2013. The Committee has recommended to issue No Objection Certificate in respect of the plan submitted by the applicant subject to the following conditions.

(1) All the fire fighting arrangements should be made as per the existing relevant rules and approved fire fighting system plan.

(2) Fire escape & main staircases should reach up to the roof top.

(3) Fire lift is essential in all blocks as per NBC Part IV 2005.

(4) Any Deviation in the Final Site Plan submitted will invalidate this NOC and a fresh NOC need to be obtained.

(5) 11 KV & 66 KV electrical lines are passing near the proposed Site. Hence the NOC from the Electrical Inspectorate will be obtained before Construction of Building.

2) Under my seal and authority a No Objection Certificate is issued for the proposed construction of a 27 storeyed Mercantile Cum Residential building in the above mentioned site and survey number. A fresh No Objection Certificate should be obtained from this Department after completion of construction and before occupation of the building.

Sd/-

P.CHANDRASEKHARAN, IPS COMMANDANT GENERAL, FIRE & RESCUE SERVICES.

To

The Secretary, Thrikkakkara Municipality. Vide Lr.No.BA-65/1/2011 Dated: 11.10.2012.

Copy to: The Party (with approved fire fighting system plan)

The Assistant Divisional Officer, Fire & Rescue Services, Ernakulam.

The Station Officer, Fire & Rescue Station, Thrikkakkara.

Approved for issue,

P.K.SATHYAN, $^{\mathcal{S}}$ DIRECTOR (ADMN.)

M.6/5 5 775 49

yearly Compliance Repo	rt for "Gold Tower" at	Vazhakkala Village	by M/S Joyalukkas In	idia (P) Ltd.
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FUCHT . DELAYED !

FICN Case: First Accused to Turn Approver Probe to Cross State Boundaries

Declining Sex Ratio.

Training Programma

CITY DECOR

Ex-Customs Official Held for Graft

Bank Staffer Gets 18-yr Les Term

COMPENSATION CASE. HCRAPS MINISTRY

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Express News Service

Kochi: Keeping in mind the mounting threat of the declining sex ratio among children below six in the state, the National Rural Health Mission(NRHM) has joined hands with the Social Welfare Department to tackle the issue.

The NRHM noted that sex ratio among children below the age of six has declined to the lowest in several decades. Though Kerala has kept up its position in various health indicators, the decline in the ratio is a cause of concern for

the future. It said.

The ratio is the worst in the central and southern districts, including Emakulam (954), Thrissur (948), Idukki (958). Alapruzha (947) and Kottavam (957). The Health Department should take steps to create awareness about the issue, consideting the prevalence of the preference for a male child.

The NRHM called for strict steps and constant monitoring of female foeticide in the state. The NRHM and the Social Welfare Department Juno Pallan would initiate projects to deal with the issue.

Elected

Kochi: Juno Pallan, senior



divisional manager, Kozhikode, and Gopikrishnan, divisional manager.

Gopikrishnan



Thiruvananthapugam. were elected state presidentand secretary of the United India Insur-

ance Officers' Association (Kerala), states an official release.

Programme

Express News Service

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Kochi: A training programme on 'Basic Life Saving Techniques' was organised by the Kerala Chamber Ladies Forum in association with Sunrise Hospital here on Tuesday.

The programme covered topics including burns, road accidents, allergies, head injuries and heart attacks. The training programme was carried out by a medical team from Sunrise Hospital:

NOTICE

This is to inform to the General Public that the proposed construction of a residential cum commercial building project at Re-survey No. 42/1, Block No. 9 of Vazhakkala Village, Kanayannur Tatuk, Emakulam District, Kerala being developed by M/s Joyalukkas India Pvt. Ltd. is accorded with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority, Kerala vide Order No. 21/SEIAA/KL/871/2012 dated, 14.12.2012 and the copy of the Environmental Clearance is available with the office of Decartment of Environment and Climate Change, Govt. of Kerala and may also be deen on the website of the Authority, at www.seiaakerala.org

TE MEDICAL COLLEGE SSOCIATION

s Modakkallur: PO Atholi, Calicut-673815. pricmal@gmail.com, Website: www.krimcina.net

TO POST GRADUATE **DIPLOMA COURSES 2013**

e candidates for the All India Entrance test to be Graduate Medical Degree/Diploma courses for the member colleges of the Kerala Private Medical PMCMA). Prospectus and Application can be had nwards. Last date for receipt of application is or komema net if any passed by appropriate Authorities/ Courts of Law.

Secretary KPNICMA

NOTICE

STRIKE BY BANK EMPLOYEES ON 20™ DECEMBER 2012

Indian Banks' Association (IBA), on behalf of its member banks, wishes to inform the public in general and banks customers in particular that All India Bank Employees Association (AIBEA), Bank Employees' Federation of India (BEFI) and All India Bank Officers Association (AIBOA) have given a call to their members for a strike on 20" December. 2012 raising certain demands. At IBA level, efforts are being made to avert the proposed strike. In case, the strike materializes, the working of the banks where the Unions Association have majority membership may get affected on 20 December 2012- As a precaution, all concerned are requested to transact their banking business in advance/ use alternate channels of banking facilities to avoid inconvenience to the extent possible.

IBA, on behalf of its member banks, regrets the inconvenience that may be caused to customers/members of the public



www.lba.org.in

,	zhakkala Village by M/S Joyalukkas India (P) Ltd.
	ANNEXURE
Communication to SEIAA	on News Paper Advertisemen
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26.03.2013

From.

PP.Jose.

Executive Director,

M/s. Joyalukkas India Pvt.Ltd,

Peevees Triton, Marine Drive, Kochi-31

To,

The Secretary,

SEAC, Kerala

Sub

Submission of Documents after issuance of EC

Ref

:- 1. Our Letter Dated 03.01.2013

2. Your letter No. 21/SEIAA/KL/871/2012 Dated 8.03.2013.

Sir,

With reference to item No.1 referred above we had forwarded the copy of the "Proceedings of the State Environment Impact Assessment Authority", the original paper publications and Notarised Affidavit in compliance to the directions of your good office. Unfortunately vide item No. 2 above it is intimated to us that the notary attested affidavit is not received in your office.

In the light of the above and in compliance of the directions from your good office we are forwarding herewith the copy of the affidavit which was sent earlier and an original of the fresh affidavit.

Kindly acknowledge receipt of the fresh Affidavit in compliance of the directions. Regret the inconvenience caused.

Yours faithfully

PP.Jose

Executive Director.

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17th December, 2012.

Municipal Secretary, Thrikkakara Muncipality, Kakkanad P.O Pin - 682030

Ref No: File 21/SEIAA/KL/871/2012 dt. 14/11/2012

Sub: Environmental Clearance - Submitting copy of the Environmental Clearance for the Proposed residential cum commercial project at Re-survey No.: 42/1, Block No.: 9 of Vazhakkala Village, Kanayannur Taluk, Ernakulam District, Kerala.

Dear Sir,

We, M/s Joyalukkas India (P) Ltd., (formerly Joy Alukkas Traders (India) Pvt. Ltd.) Propose to develop a residential cum commercial project at re-survey No.: 42/1, Block No.: 9 of Vazhakkala Village, Kanayannur Taluk, Ernakulam District, Kerala. Attached herewith the copy of the Environmental Clearance bearing No. 21/SEIAA/KL/871/2012, dated, Thriruvananthapuram 14-11-2012 from State Environmental Impact Assessment Authority, Kernla (SEIAA) for your reference and record.

Thanking you, Yours faithfully,

For Joyalukkas India (P) Ltd.

P. P Jose.

Executive Director.



Mumbai, Gurgaon, Bangalore, Mangalore, Hyderabad, Vijayawada, Chennai, Colmbatore, Madurai, Salem, Tirunetvett, Vettore, Karur, Kancheepuram, Puducherry, Cochin, Angamaly, Thiruvalla, Kollam, Kottayam, Thirssur, Thiruvananthapuram.

Registered Office: Joyalukkas India Umited, Marine Drive, Kochi, India-682031 Tel: 0484 2385035, Fax: 0484 2385032 E-mail: customercare@joyalukkas.com Website: wwwjoyalukkasindia.com

Half yearly Compliance Report for "Gold T	Tower" at Vazhakkala Village by M/S Joyalukkas India (P) Ltd.
	ANNEXURE VIII
	A conv. of Company Wahaita Diaplay
	A copy of Company Website Display



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OUR PROJECTS

GOLD TOWER



Gold Tower Kochi The Gold Standard



Gold Tower Kochi The Gold Standard

Tower is coming up in Vazhakala, at a prime location that is just a stone's throw away from all conveniences.



Gold Tower Kochi





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CONTACTS

2 0484 2385035

+91 94463 77771, 94463 77772, 94463 77773 (INDIA)

+971 561183847, +971 561183848, +971 561183849 (**UAE**)

sales@joyalukkasdevelopers.com

Toyalukkas Lifestyle Developers Pvt. Ltd., A & B. Peevees Triton, Marine Drive, Kochi - 682 031.

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		ANI	NEXURE I
Environmental	Monitoring Sch depicting	nedule, Results Environmental	and Pictur Monitorii

Environmental Monitoring Schedule

The baseline Environmental Monitoring Survey shall be carried out as per the schedule presented below.

Sl. No.	Environmental Attribute o be Monitored	Parameters to be analyzed and presented in Analysis Report	Frequency of Monitoring
1	Ambient Air Quality - One day @ one location	PM ₁₀ (μg/m ³) PM _{2.5} (μg/m ³)	One continuous sample for 24 hrs and as per CPCB guidelines @ 1 location once in February and May, 2014.
		SO ₂ (μg/m ³), NO _X (μg/m ³), CO (mg/m ³)	Three 8-hourly samples for 24 hours and as per CPCB guide lines @ 1 location once in February and May, 2014.
2	Ground Water Quality	Colour Odour, Turbidity, pH, Conductivity, Total Dissolved Solids, Total hardness as CaCO3, Total Alkalinity as CaCO3, Residual Chlorine, Chloride as Cl, Calcium as Ca, Magnesium as Mg, Iron as Fe, Silica,Phosphate,Sulphate	One Sample @ one location once in a month upto June 1st2014
4	Noise Level - Continuously for one day @one location	Noise Level (dB) in L10, L50, L90, Leq, Leqday, Leqnight, Leqdn	Hourly samples for 24 hours @ 1 location once in a month upto 1st June 2014

Environmental Monitoring Locations

Monitoring parameter	Coordinates of monitoring stations
Air	N 09' 59.609" E 76'19.494"
Noise	N 10'00.75" E 076'19.461"
Ground Water	N10'00.663" E 076'19.464



Eco Tower, Janatha Jh., Palarivattom, Kochi - 682 025; Ph : 0484-4042556, 3297113, Fax : 4052445 Web : www.envirodesigns.in, E-mail : lab@envirodesigns.in, envirodesignsecolabs@gmail.com

COMPILED AMBIENT AIR QUALITY MONITORING REPORT

Report No.

: 2412/EEL/05/kitco/SD-009

Issue Date

: May 21, 2014

Issued To:

M/s. KITCO Ltd,

Femith's, Puthiya Road, N.H.Bye Pass, P.B.No -4407, Vennala, Kochi- 682028.

Customer ref.: Residential cum Commercial Project at Vazhakkala village, Ernakulam. Details of Monitoring Location

Location Code	Location Name	GPS Coordinates	Classification
A_1	Construction Site for Joy Alukkas Housing project, Vazhakkala.	N 09' 59.609" E 76'19.494"	Commercial Area

Presentation of Results

			Resi	ults
Parameters	Unit	Intervals	Monitoring Date 18.02.14 to 19.02.14	Monitoring Date 02.05.14 to 03.05.14
Particulate Matter of size less than 10 μm (pm ₁₀)	μg/m³	4	83.2	96.8
Particulate Matter of size less than 2.5 µm (pm _{2.5})	μg/m³	Ĭ	31.6	40.2
		I.	10.2	13.4
Sulphur Dioxide(SO ₂)	μg/m³	II	11.8	12.2
Dioxide(SO ₂)		Ш	9.7	8.3
(2)61		1	8.2	10.1
Nitrogen Dioxide(NO _N)	μg/m³	II	7.8	7.2
Dioxide(NO _N)		111	6.9	9.5
		I	0.5	0.6
Carbon Monoxide(CO)	mg/m³	II	0.4	0.5
Monoxide(CO)		Ш	0.4	0.4

Authorised Signatory

Quality Manager



Eco Tower, Janatha Jn., Palarivattom, Kochi - 682 025, Ph.: 0484-4042556, 3297113, Fax: 4052445 Web: www.envirodesigns.in, E-mail: lab@envirodesigns.in, envirodesignsecolabs@gmail.com

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COMPILED WATER QUALITY ANALYSIS REPORT

Report No.

: 2413/EEL/05/kitco/SD-010

Issue Date

: May 21, 2014

Issued To:

M/s KITCO Ltd,

Femith's, P.B. No:4407 Puthiya Road, NH Bye Pass,

Vennala, Kochi-28.

Customer ref. : Residential cum Commercial Project at Vazhakkala village, Ernakulam.

I Water Quality Monitoring Details

Location Code	Lab Code	Name of the Location	Description of Sample	GPS Coordinates
GW1	NW/01/109	Residential cum – Commercial Building Project Site at Vazhkkala	Ground water	N10'00.663" E 076'19.464

Cont---P/2



Eco Tower, Janatha Jn., Palarivattom, Kochi - 682 025, Ph.: 0484-4042556, 3297113. Fax: 4052445 Web: www.envirodesigns.in, E-mail: lab@envirodesigns.in, envirodesignsecolabs@gmail.com

Page 2 of 2

Report No.

: 2413/EEL/05/kitco/SD-010

Issue Date

: May 21, 2014

				Value Reported				
SI No	Parameter	Unit	Sample Collected on 20.01.14	Sample Collected on 06.02.14	Sample Collected on 14.03.14	Sample Collected on 11.04.2014	Sample Collected on 02.05.2014	
1.	pH	-	6.72	6.55	7.92	7.19	7.12	1.0
2.	Colour	Hazen	3.0	3.0	3.0	3.0	3.0	1.0
3.	Odour		Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	*
4.	Electrical Conductivity	μS	970	378	380	880	860	0.5
5.	Turbidity	NTU	BDL	BDL	1.3	BDL	BDL	1.0
6.	Total Dissolved Solids	mg/l	526	208	223	522.0	512	10
7.	Sílica	mg/l	BDL	3.02	0.61	4.52	4.2	0.4
8.	Alkalinity as CaCO3	mg/l	42	60.9	63.0	113.40	107.12	2
9.	TotalHardness as CaCO ₃	mg/l	220	110	63.8	263.68	267.8	2.0
10.	Chlorides as Cl	mg/l	238.49	62.08	50.26	153,73	152.63	0.5
11.	Total Residual Chlorine	mg/l	BDL	BDL	BDI.	BDL	BDL	0.1
12.	Calcium	mg/l	58.20	35.27	23.80	67.7	69.35	1
13.	Magnesium as Mg	mg/l	18.18	5.34	1.06	23.03	23.03	0.5
14.	Sulphate as SO ₄	mg/l	42.77	10.13	69.0	59.62	53.96	1.0
15.	Phosphates	mg/l	BDL	BDL	BDL	BDL	BDL	1.0
16.	Iron as Fe	mg/I	BDL	BDL	0.27	BDL	BDL	0.005

Note:- BDL: - Below Detection Limit.

Susan Abraham Quality Manager MDL: - Minimum detection Limit

Authorized Signatory



Eco Tower, Janatha Jn., Palarivattom, Kochi - 682 025, Ph.: 0484-4042556, 3297113. Fax: 4052445 Web: www.envirodesigns.in, E-mail: lab@envirodesigns.in, envirodesignsecolabs@gmail.com

COMPILED NOISE LEVEL MONITORING REPORT

Report No.

: 2411/EEL/04/kitco/SD-008

Issue Date

: May 21, 2014

Issued To:

M/s. KITCO Ltd,

Femith's, Puthiya Road, N.H.Bye Pass, P.B.No -4407, Vennala, Kochi- 682028.

Customer ref.: Residential cum Commercial Project at Vazhakkala village, Ernakulam.

Details of Monitoring Location

Locatio n code	Name of location	GPS Coordinates	Classification	Description of location
N ₀	Construction Site for Joy Alukkas Housing project, Vazhakkala.	N 10'00.75" E 076'19.461"	Commercial Area	Public place in town area

Presentation of Results

Date of Monitoring	Noise level values dB (A)					
	L ₁₀	L ₅₀	L ₉₀	L _{DN}	L _{Day}	L _{Night}
20.01.2014 to 21.01.2014	63.2	59.6	39.2	59.5	64.3	41.8
06.02.2014 to 07.02.2014	64.5	60.4	39.9	60.4	65.2	42.1
13.03.2014 to 14.03.2014	66.6	62.3	39.6	62.5	67.3	43.3
11.04.2014 to 12.04.2014	66.4	56.8	39.0	61.9	66.7	43.0
02.05.2014 to 03.05.2014	66.0	55.7	39.4	61.4	66.1	45.4

Quality Manager
Authorised Signatory

Air Quality Monitoring





Noise Quality Monitoring









Half yearly Compliance Report for "Gold Tower" at Vazhakkala Village by M/S Joyalukkas India (P) Ltd.					
	ANNEXURE X				
	The Affidevit produced by the Proposer				
	The Affidavit produced by the Proponent				



HUNDRED RUPEES

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கேരളo केरल KERALA

739810

AFFIDAVIT

On this 18th day of April, 2012 M/s. Joyalukkas India Private Limited (formerly Joy Alukkas Traders (India) Pvt. Ltd), through its Executive Director of the company Mr. P. P. Jose having its Registered Office at Peevees Triton, Marine Drive, Cochin-31, hereby confirms the following:-

That, M/s. Joyalukkas India Private Limited proposes to develop a residential cum commercial project at Re-Survey No. 42/1, Block No.9 of Vazhakkala Village, Kanayannur Taluk, Ernakulam District, Kerala.

That, we will constitute an Environment Monitoring Cell for our project.

That, we will provide fire fighting system.

3. That, we will provide systems to minimize dust emissions.

4. That, we will provide adequate safety measures for the construction workers during the construction phase.

5. That, we will upload the following in our web site.

a. EC Order

b. Status of compliance of the stipulated EC conditions.

Results of monitoring data and update the same periodically.

6. Send the copy of the EC to the LSG concerned.

For Joyalukkas India Private Limits:

Authorised Signalors

ed Signaloxy

DEPONENT

Verification:

Verified that my above statements are true to the best of my knowledge and belief and nothing vate Limited material has been concealed therein.

Solemnly affirmed and signed before Place : Ernakulam the deponent, at my office







