

KERRY COUNTY COUNCIL

AIR POLLUTION ACT 1987

AIR POLLUTION ACT (LICENSING OF INDUSTRIAL PLANT) REGULATIONS 1988

APPLICATION FOR A LICENCE IN RELATION TO INDUSTRIAL PLANT

1. (a) Name & Address of applicant **ROADSTONE LIMITED, FORTUNESTOWN,
TALLAGHT, DUBLIN 24**

(b) Name of employee directly responsible for air pollution control **CATHAL LAVIN**

(c) Telephone Number of applicant **086 0258853**

2. Name & Address of Industrial Premises **ROADSTONE LIMITED, CLASHEEN
TOWNLAND KILLARNEY COUNTY KERRY**

3. Describe the process/activities which give rise to the atmospheric emissions(s) **MANUFACTURING BITUMEN MACADAM AND ASPHALT, LOADING SAND/AGGREGATES TO FEED HOPPERS, DRYING IN ROTARY DRYER, BLENDING AGGREGATES IN MIXING HOPPER AND DISPATCH TO TRUCKS.**

4. (a) Location of point(s) of emission(s)

(to be shown on 1/1000 Scale Map) **SINGLE EXHAUST STACK (LE 10/001/01 007)**

(b) Give details of any ambient air monitoring carried out in the vicinity of the premises (details may be given on separate pages)

ONGOING DUST DEPOSITION MONITORING AT 3 NO. LOCATIONS WITHIN THE EXISTING SAND PIT AS PER CONDITION NO. 18 OF PLAN FILE REF. NO. QY013

(c) Details of size and construction of outlet(s). (Two (2) copies of the plans indicating the premises from which the emission(s) are to be made and the diameter and point(s) of emission(s) must accompany this application

AIR EMISSIONS WILL ARISE FROM EMISSION POINT 1 (EP1) AS SHOWN ON DRAWING LE10/001/01 006 AND LE10/001/01 007

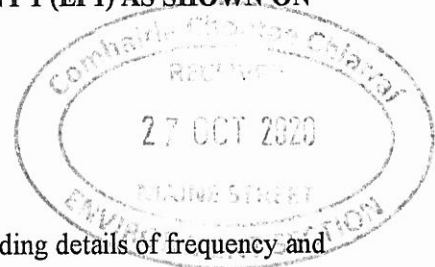
STACK HEIGHT = 15M

STACK DIAMETER = 1.1 M

EXIT VELOCITY 22.4 M/S.

5. Details of provisions made for monitoring the emission(s) including details of frequency and methods used

SAMPLING PORTS TO BS3405 1971 IN STACK AND QUARTERLY PARTICULATE MONITORING SYSTEM.



6. Details of any special arrangements to prevent accidental emissions

PREVENTATIVE MAINTENANCE AND SERVICING OF ALL PLANT WILL BE UNDERTAKEN, THE PLANT WILL BE SUPERVISED AT ALL TIMES DURING OPERATION, VISUAL INSPECTION OF THE BAG HOUSE FILTER WILL OCCUR WEEKLY, PRESSURE SENSORS IN THE BAG HOUSE FILTER WILL ALERT OPERATORS OF VARIATION TO PLANT PERFORMANCES.

7. General

(a) Date(s) of commencement of the emission(s): FEBRUARY 2021 (EST.)

(b) Emission:

Volume to be emitted in m³ (for each emission):-

- (i) Normal per day **420,000 Nm³ depending on demand**
- (ii) Maximum in any one day: **c. 750,000 Nm³ depending on demand**
- (iii) Maximum rate per half hour: **c. 28,000 Nm³ depending on demand**

(c) (i) Temperature of emission **80-100°C**

(ii) Humidity of emission **6- 15%**

(d) The period or periods of the day in which the emission(s) is/are to take place

THE OPERATION OF THE PROPOSED ASPHALT PLANT AND ASSOCIATED LOADING OUT OPERATIONS WILL BE CARRIED OUT WITHIN ACCEPTABLE THRESHOLDS (E.G. DoEHLG (2004) AND EPA (2006) – REFER TO SECTION 3) FOR THIS TYPE OF DEVELOPMENT DURING BOTH DAYTIME AND NIGHT-TIME HOURS.

THE PERMITTED OPERATIONAL HOURS OF THE BLACK-TOP PLANT GENERALLY WILL BE FROM 04.00 TO 19.00 MONDAY TO SATURDAY INCLUSIVE. THESE HOURS ARE REQUIRED TO ALLOW START-UP, SHUT DOWN AND PRODUCTION OF BLACK-TOP PRODUCT TO FACILITATE EARLY AND LATE DELIVERIES TO CLIENTS. OPERATING HOURS OUTSIDE OF THE ABOVE TO ACCOMMODATE SPECIAL PROJECTS SHALL BE REQUESTED FROM THE PLANNING AUTHORITY PRIOR TO THE SCHEDULED WORKS.

(e) Any seasonal, or other variations (including any arising from plant malfunction), in volumes of emission(s): **OPERATION OF PLANT DEPENDANT ON DEMAND FOR MATERIAL.**

8. Particulars of emission treatment (N.B. best practicable means must be used): HIGH EFFICIENCY FILTER BAG SYSTEM; REVERSE AIR PULSE JET PURGE SYSTEM; DUST COLLECTION HOPPER.

9. Characteristics of each and every point of emission to atmosphere.

Complete for all applicable characteristics giving concentration ranges where available.

Concentration to be expressed in $\mu\text{g}/\text{m}^3$ where applicable.

The following list is meant to be indicative only – such other physical chemical or other characteristics as are pertinent to the emission in question should be specified.

CHARACTERISTIC	PRIOR TO TREATMENT	AS DISCHARGED
TEMPERATURE °C	90-150 °C	80 – 100 °C
SO ₂	<500 mg/Nm ³	<350 mg/Nm ³
HCL	NOT APPLICABLE	NOT APPLICABLE
NO(x)	NO _x (as NO ₂) <450 mg/Nm ³	NO _x (as NO ₂) < 450 mg/m ³
Dusts (Specify Each) giving Composition, Toxicity and T.L.V.	Dusts/Particulates Estimate >10,000 mg/Nm ³	< 50 mg/m ³ (max 30-minute average)
Solvents (Specify Each) giving Toxicity and T.L.V.	NOT APPLICABLE	NOT APPLICABLE
CS ₂	NOT APPLICABLE	NOT APPLICABLE
H ₂ S	NOT APPLICABLE	NOT APPLICABLE
Cl ₂	NOT APPLICABLE	NOT APPLICABLE
NH ₃	NOT APPLICABLE	NOT APPLICABLE
CO	NOT APPLICABLE	NOT APPLICABLE
Organohalogen compounds (Specify)	NOT APPLICABLE	NOT APPLICABLE
Other toxic substances (Specify)	NOT APPLICABLE	NOT APPLICABLE
Other Carcinogenic, Teratogenic or Mutagenic Compounds to include suspect Materials	NOT APPLICABLE	NOT APPLICABLE
Metals (Specify Each): (a) _____ (b) _____ (c) _____ (d) _____	NOT APPLICABLE	NOT APPLICABLE
Any other components of significance	NOT APPLICABLE	NOT APPLICABLE

10. Reason(s) for selecting point of emission(s), method of emission and treatment method _____
RECOGNISED INDUSTRY STANDARD OF PLANT DESIGN AND OPERATING
SYSTEM _____ FOR _____ MANUFACTURING
MACADAM/ASPHALT. _____

I hereby make application for a licence pursuant to Air Pollution Act 1987 and the Air Pollution Act (Licensing of Industrial Plant) Regulations 1988, in accordance with the plans and other particulars attached. The Plant to which this application relates is/is not (delete which ever is inapplicable) an existing plant within the meaning of Section 30(2) of the Air Pollution Act 1987 and Article 5 and the First Schedule to the Air Pollution Act (Licensing of Industrial Plant) Regulations 1988.

SIGNATURE OF APPLICANT *P. Gibney*
POSITION HELD Planning and Property Manager
DATE: 20/10/2020