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V.A.T. Reg No. MT 1793-0534

Our reference:0541-211104
Your reference:

04/11/21

To whom it may concern:

Quarry no. HM26 B

Location: Wied Ganu, Il-Macina, Zurrieq

Proposal: Dust Mitigation Measures

The quarry is currently equipped with two large surface water tanks being used to wet the surface during quarry operations.

In order to further reduce the airborne dust the following dust mitigation measures will be deployed during the quarry operations.

A water spray stream cannon

A water spray stream cannon will be installed on a mobile platform.

This water cannon will spray fine water droplets on the work area as per schedule listed below. The water cannon will be connected to water tanks which will provide enough water for the operation. Figure 1 below depicts a typical example of such a dust suppression mechanism.



Figure 1

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The company is in the process of procuring such a machinery which will be available in the first quarter of 2022 .

Operation Schedule:

Summer days : Working days

Start 6:00/6:45 duration 1 hour
12:30/1:00 duration 30 minutes
15:00/15:30 duration 30 minutes

The schedule listed above may vary from time to time according to site conditions and site the operations.

Dust Mitigation for the Storage and Processing of scarified material

The scarified material will be stockpiled in the lowest part of the quarry, in the area designated, for this material. The scarified material in its nature is a less dust emitting material than normal aggregate.

Before processing the scarified material the water spray canon will be switched on in order to increase the moisture content of the material and hence reduce airborne particles during processing and handling of the material.

During the processing of the material the mist cannon will be in operation.