



LINCS BUILDING  
CONSULTANCY

## **Guidance Note No. 35**

Fire Protection for Oil  
Storage Tanks

## Fire protection for Oil Storage Tanks

Location of Tank	Protection usually satisfactory
Within a Building	If tanks are located in a place of special fire hazard (enclose with 30 minutes fire resistance) which should be directly ventilated to outside. Without prejudice to the need for compliance with all the requirements in Schedule 1, the need to comply with Part B should be particularly be taken into account.
Less than 1800mm from any part of the Building	<p>(a) Make building walls imperforate (<i>see note 1</i>) within 1800mm of tanks with at least 30 minutes fire resistance (<i>see note 2</i>) to internal fire. Construct eaves within 1800mm of tanks and extending 300mm beyond each side of the tanks with at least 30 minutes fire resistance to external fire and with non-combustible cladding</p> <p style="text-align: center;"><b>or</b></p> <p>(b) Provide a firewall (<i>see note 3</i>) between the tank and any part of the building within 1800mm of the tank and construct eaves (<i>as item (a) above</i>). The firewall should extend at least 300mm higher and wider than the affected parts of the tank.</p>
Less than 760mm from a Boundary	Provide a firewall between the tank and the boundary or a boundary wall having at least 30 minutes fire resistance to fire on either side. The firewall or the boundary wall should extend at least 300mm higher and wider than the top sides of the tank.
At least 1800mm from the Building and at least 760mm from a Boundary	No further provisions are necessary
Notes:	<ol style="list-style-type: none"> <li>1. Excluding small openings such as airbricks etc.</li> <li>2. Fire resistance in terms of insulation, integrity and stability</li> <li>3. Fire walls are imperforate non-combustible walls or screens, such as masonry walls or steel screens</li> </ol>



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Please note that these guidance notes are for advice only and may not cover all situations. It is your responsibility to ensure that they are appropriate for use in your particular circumstances.