

ACID RAIN

Paper: 2CR

Question: 3(b)

Question

(b) Crude oil often contains sulfur as an impurity.

Explain why this is a problem when using crude oil fractions as fuels.

(2)

Mark Scheme

(b)	Ex	<p>An explanation which links the following two points</p> <p>M1 (when sulfur burns) sulfur dioxide /SO₂ is formed</p> <p>M2 causes acid rain</p>	<p>ALLOW sulfur trioxide/SO₃</p> <p>IGNORE sulfur oxides</p> <p>ALLOW a specified harmful effect of acid rain</p> <p>ACCEPT references to causing/exacerbating respiratory problems</p> <p>ALLOW greenhouse gas/ causes global warming/ climate change</p>
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