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## British Airways World Cargo Centre, UK

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**Client:** British Airways World Cargo

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**Management Contractor:** EMCOR Facility Services

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The British Airways World Cargo Centre manages 80,000 tons of air freight for British Airways through Heathrow Airport each year with a total revenue of £700 million annually. The centre is fully sprinkler protected at roof level and at racking level. The sprinkler systems are controlled by 50no. Installation control stations supplied from the BAA Heathrow site fire water main and BA booster pump sets.

Incendia Consulting carried out a full review of the British Airways Authority and British Airways pumped water supplies following insurer's tests which had found that the fire protection system requirements were not being achieved and the sprinkler protection systems within the centre were compromised. This in conjunction with premature pump failure had greatly increased the fire risk for the client and the risk of business interruption.

Extensive examination of tests that had been conducted on the system and the configuration of the system were carried out by Incendia Consulting which required the inspection of the major plant items, instrumentation, system hydraulics and an understanding of the system operation.

Incendia Consulting compiled a thorough technical report which set out staged corrective actions and recommendations to resolve the deficiencies of the system and alterations required to overcome the premature pump failure. The report also set out the correct testing and maintenance procedures required to maintain the system in its optimum operational condition.

The report was welcomed by the Client and Insurers and the actions, recommendations and alteration ensured the correct operation of the sprinkler protection within the centre.

The review and technical report provided by Incendia Consulting provided a reduction in British Airways and insurers risk of asset, client cargo and business interruption due to fire.