



When It Really Matters

METZEN Prevents Downtime After Major Fire in a Fertiliser Plant

A massive fire at one of Germany's largest fertiliser plants caused significant damage to production equipment. Beyond the immediate safety risks, there was a threat of complete production stoppage – with severe economic consequences. METZEN responded in record time, developing a bespoke emergency plan and restoring operations in key areas within a short period.

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Challenge Safety and Supply Reliability in Focus

The fire presented a dual challenge:

- **Severe Equipment Damage:** Several central conveyors and production lines were destroyed or heavily damaged.
- **Safety Risks:** Parts of the building structure had to be secured immediately to allow safe working conditions.
- **High Time Pressure:** Every hour of downtime caused substantial economic losses and jeopardised existing supply contracts.
- **Production Continuity:** Despite the damage, supply capability had to be maintained as far as possible.

A standard solution was not feasible. A bespoke intervention under extreme conditions was required.

Solution Flexibility, Network, and Expertise

METZEN relied on a combination of rapid response, interdisciplinary know-how, and a strong partner network.

- **Emergency Repairs:** Damaged conveyors were temporarily restored.
- **Temporary Bypasses:** Flexible interim solutions allowed partial production to resume immediately.
- **Structural Reinforcements:** Vulnerable components were secured to ensure safe working conditions.
- **Spare Parts via METZEN Network:** Missing components were sourced and installed at short notice.
- **Close Coordination:** Continuous alignment with plant management and fire safety teams enabled precise action.

Result Minimal Downtime – Maximum Safety

METZEN's rapid intervention prevented a prolonged production stoppage and ensured the company's supply capability. At the same time, preparations could begin for the long-term restoration of the damaged equipment.

- **Minimised Downtime:** Key production areas were quickly operational again.
- **Supply Chains Secured:** Customers were reliably supplied despite the fire.
- **Highest Reliability:** METZEN demonstrated full readiness and expertise in an exceptional situation.
- **Future-Readiness:** The swift solution laid the foundation for sustainable restoration of the entire plant.

METZEN stands for decisive action, precise solutions, and full operational readiness – even in extreme situations. When it really matters, we are there.

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Highlights

- **Rapid Deployment:** METZEN's expert team was on-site within hours of the fire.
- **Complex Emergency Response:** Emergency repairs, structural reinforcements, and temporary bypasses were carried out simultaneously.
- **Supply Chains Secured:** Production could resume immediately in partial areas.
- **Effective Collaboration:** Close coordination with plant management and fire safety teams.

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