BEST PRACTICE

LOCATION:	Quarry	**ARTICLE YEAR:**	2005
ACTIVITY:	Production and Processing	**COMPANY:**	Day Group
SUB ACTIVITY:	Aggregate processing	**COMPANY LOCATION:**	Day Aggregates, Brentford
BEST PRACTICE No:	BP148	**COMPANY TEL:**	0208 380 9600

TITLE On Video

Roller frames for crusher conveyor

ARTICLE

The transom roller frames for the jaw and impact crushers have been redesigned. As large objects struck the impact area, the conveyor rollers took the full force of the impact and gradually folded under the pressure. Because of the tightness of the rollers against the discharge chute, it was difficult to change them when they became damaged or worn out.

The company fabricator was set the task of devising a transom roller frame which could withstand repeated high impact, allow easy access to the rollers for maintenance, and be easy to use. The fabricator redesigned the transom roller frames and their mounting points, incorporating large section channel runners mounted directly onto the crusher frame. The frames were also designed to mount onto the new runners and have replaced the conventional conveyor framework.

ARTICLE IMAGES