## **BEST PRACTICE**

LOCATION:		ARTICLE YEAR:	2008
ACTIVITY:	Production and Processing	COMPANY:	Hanson
SUB ACTIVITY:	Asphalt & coated stone	COMPANY LOCATION:	Bradford Asphalt Plant, West Yorkshire
BEST PRACTICE No:	BP582	COMPANY TEL:	01274 606479

TITLE 🕎 Award Winner 📀 On Video
Space-saving vertical bitumen tankage allows site re-design
ARTICLE
lanson™s Bradford asphalt plant serves a busy local collect trade and several resurfacing contracts which involve extensive night work.
new electrically-heated vertical bitumen tank storage system has replaced the old oil heated tanks and has resulted n dramatic improvements in safety and operating conditions. The saving on space has permitted a re-design of the site, such that bitumen tankers no longer have to undertake lengthy reversing.
he key advantages of the system are:
. The electrically heated tanks are insulated and thermostatically controlled to a level which sets the new benchmark or reducing energy requirements;
Triple lin mechanical seals on the bitumen nump eliminating bitumen weenage:
The old ring main bitumen delivery system has been replaced by a single bitumen pipe, minimising the chance of itumen leakage:
. The tankage has been reduced from a cluster of four conventional oblong tanks to three in-line tanks with the ntroduction of a blending system; and
. The space saved by having three in-line tanks has been used to significantly improve associated traffic nanagement, eliminating a lengthy reversing manoeuvre.

