



Case Reference: 207

Energy - Incineration : Biomass

Location: Sweden

- **Fuel Type**                      Paper, Sludge, Wood, Bark
- **Filter Media:**                #6255 Tetratex<sup>®</sup> Ultra High Efficiency Woven Glass Fabric
- **Start-up:**                      January 2007

#### General Information

#### Operating conditions:

<b>Application/Industry:</b>	Incineration Biomass - Fluid Bed Combuster
<b>Product Code:</b>	#6255 Tetratex Ultra High Efficiency Woven Glass Fabric
<b>Country:</b>	Sweden
<b>Filter Type:</b>	Pulse Jet
<b>No. of Bags:</b>	920
<b>Bag Length:</b>	8000 mm
<b>Gas Flow:</b>	185,200 Am <sup>3</sup> /h
<b>Filter Area:</b>	3283 m <sup>2</sup>
<b>Filter Velocity:</b>	0.94 m/min
<b>Inlet Dust Loading:</b>	60 g/Nm <sup>3</sup>
<b>Dust Emission:</b>	<10mg/Nm <sup>3</sup>
<b>Operating Temperature:</b>	200°C Peak
<b>H<sub>2</sub>O:</b>	24% Volume
<b>O<sub>2</sub>:</b>	4.5% Volume
<b>NO<sub>2</sub>:</b>	20 mg/Nm <sup>3</sup>
<b>SO<sub>x</sub>:</b>	425 mg/Nm <sup>3</sup>
<b>HCl:</b>	85 mg/Nm <sup>3</sup>
<b>HF:</b>	10 mg/Nm <sup>3</sup>