

Oregon Timber Frame

Dust Controls for Joiners on Site.

Introduction-

Colin Black, Group H&S Manager for Oregon Timber Frame

Trained as a joiner in a family business-

Father joiner, Three brothers joiners, both of my sons trained as joiners.

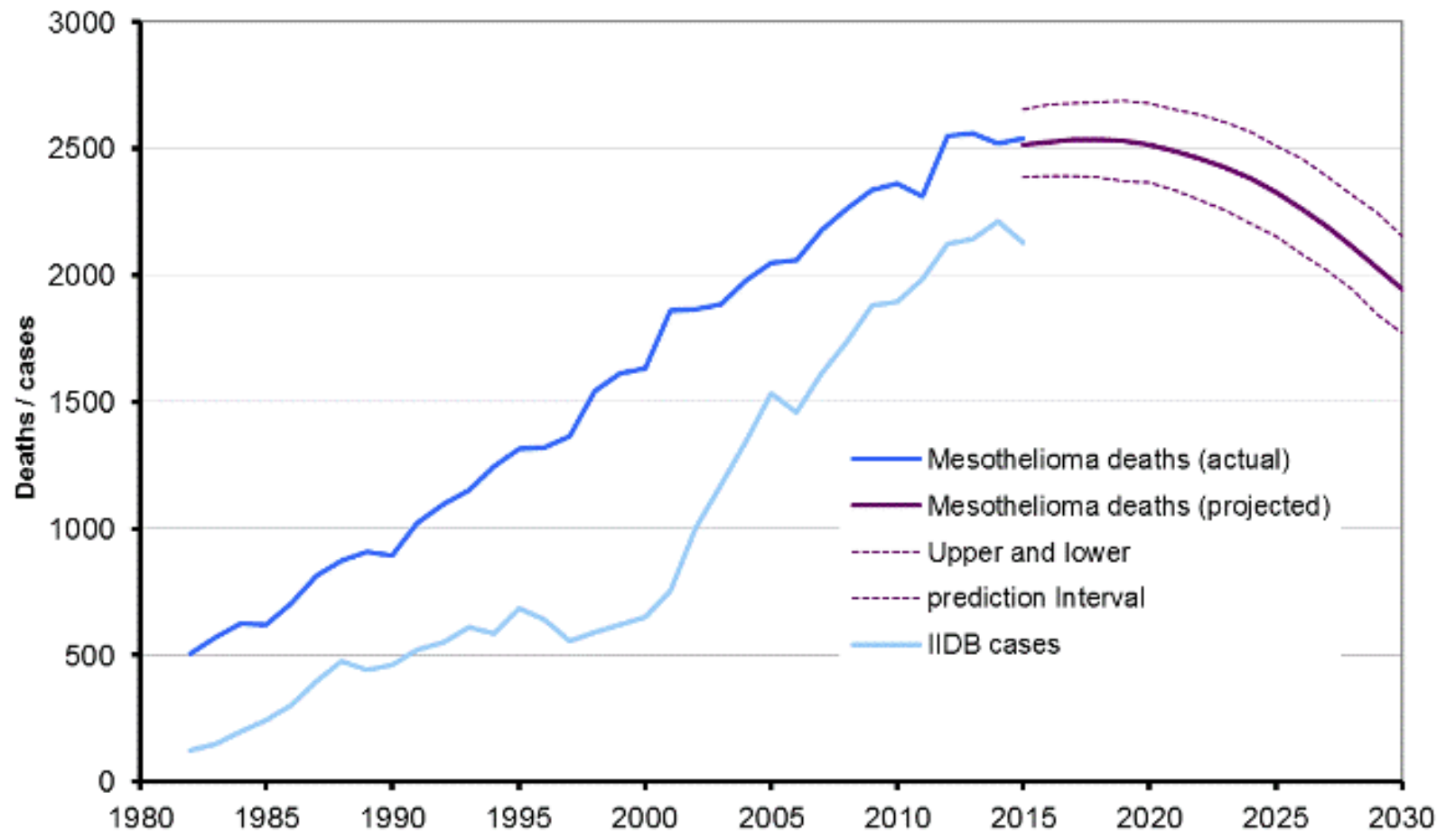
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Two serious accidents, both could have resulted in severe injury one lucky not to be killed- prompted interest in how things could be done better.



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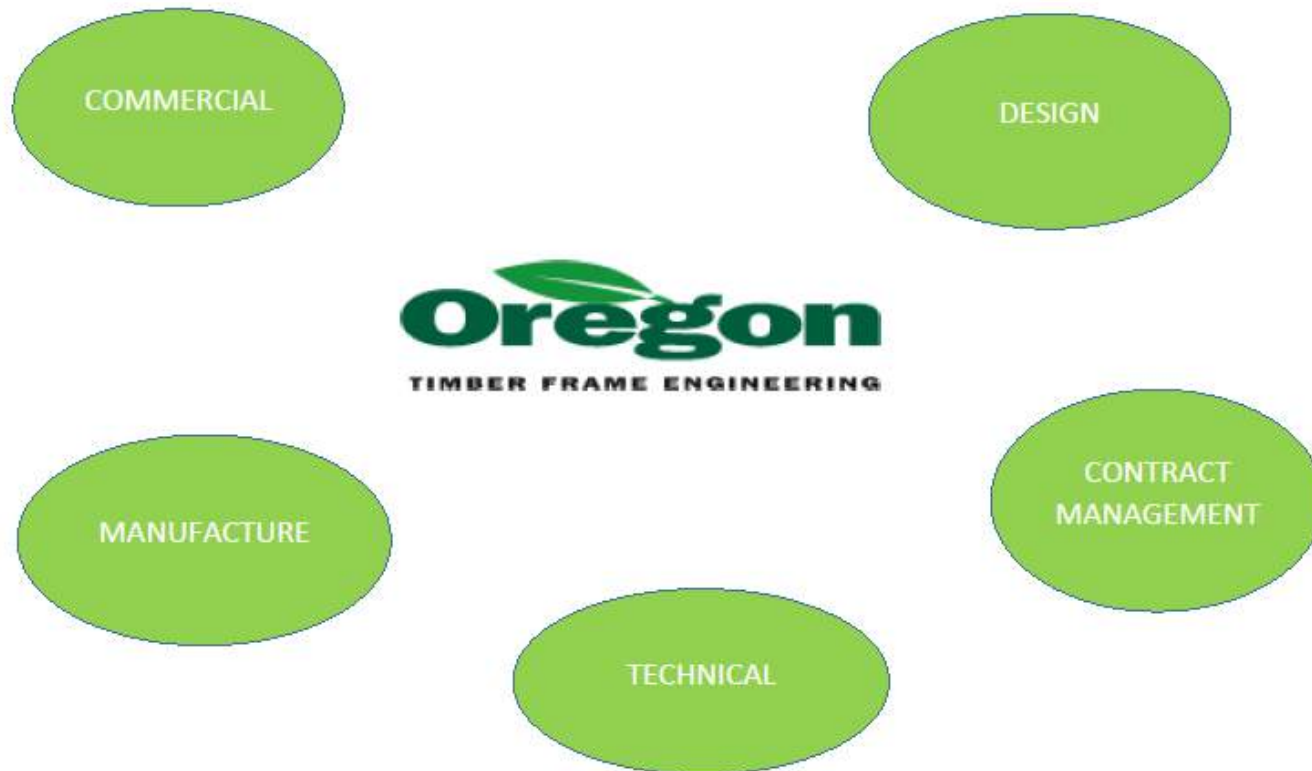
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Two very bad near misses- in fact one I injured myself badly- but near miss was that I did not get killed- prompted interest in how things could be done better.

But I am passionate about health issues and today's subject matter- due to what happened to my dad.

A joiner- exposed to asbestos in the 60's- an otherwise very fit man died prematurely within 6 months of feeling unwell.

Oregon Timber Frame Ltd



The company is split into several different departments- Commercial, Design, Technical, Manufacture and Contract Management

Oregon Timber Frame Ltd



We have three manufacturing plants in Selkirk in the Scottish Borders and one at Burton-on-Trent in Derbyshire.

Construction & Manufacture H&S-

Unlike most of you in here- we manufacture the product we supply and erect on our clients sites.

From an H&S point of view two very different environments-

Manufacture-

- Stable/ controlled work area
- 100% employed work force

Site-

- Dynamic/ changing work area
- 95% self- employed or sub-contract labour

Factory Controls;

- Industrial Scale Extraction-



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- Localised LEV-



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 - Positive pressure hoods
 - Half face masks
 - Disposable masks
 - All FFT (qualitative)

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- Industrial Scale Extraction-
- Localised LEV-
- Air quality monitored every three years- exposure limits tested.
- PPE
 - Positive pressure hoods
 - Half face masks
 - Disposable masks
 - All FFT and
- Health Surveillance

Site Controls;



Site Controls;



Site Controls;



Respiratory protection must be worn if the power tool is used without a dust removal system for work that creates dust.



Site Controls;



Site Controls;



Site Controls;



Site Controls;



Site Controls;



Site Controls;



Extraction and masks

Site Controls;

masks



Site Controls;



Site Controls;



masks

Site Controls;



masks



Site Controls; Summary-

- Our site controls are not as good as at the manufacturing plant
- Looking to improve-
 - Tool extraction
 - Zone enforcement
 - FFT - training of testers and quantitative methods
- Education of operatives



Any Questions?