

IHI R & D AND MANUFACTURING FACILITY DELTA, BC

RECENT ACTIVITY
January, 2009

STEEL FRAMING OF IHI PANELS ALL OVER THE IHI FACILITY



THESE PICTURES SHOW THE EAST WING OF THE MAIN FACILITY

THESE PHOTOS SHOW THE WELDING IN THE CENTRAL AREA OF THE MAIN FACILITY.





IHI STEEL FRAMING AT THE ANNEX STEEL BUILDING



INTRICATE FRAMING WITH TEMPORARY BRACING TO MINIMIZE WARPING EFFECT DUE TO WELDING WHICH WILL BE SIGNIFICANTLY ELIMINATED WITH THE AUTOMATED WELDING AND JIGGING SYSTEM UNDER CONSIDERATION



In spite of the fact of that IHI concrete slabs were installed on top of the IHI steel frame panels prior to concreting, and in spite of the fact that the tubes have a thickness of 3 mm only, no signs of wall buckling or any sign of deformation occurred even after 2 weeks. This test proves again the superiority of the IHI system and one can imagine what will be the strength of these interlocked 3-dimensional panels after 2 layers of 12000 psi (85 mpa) high-strength concrete is applied to each panel connected together not only by the steel tubes but also by 3 inch diam. high strength reinforced concrete cylinders. **This is totally foreign to any other system in the World including pre-cast and cast in situ.**





FRESHLY POURED AND FINISHED CONCRETE PANELS AT THE CENTRAL PORTION OF THE IHI R&D AND MANUFACTURING FACILITY



Few hours after sealing this standard panel, the IHI crew conducted a dry run installation and the result was a perfect fit.



The area in front of the defaulted robotic cell unit was cleared out to allow for a dry run installation of another portion of the IHI-KSA show home panels





Dry run installation of the IHI foundation and ground floor slab panels. The foundation panels are spanning over few point loads over the IHI facility's raised floor panels. **A further great live test for the superior IHI structural panels that is obviously totally foreign to any other building system in the world including pre-cast and cast in situ systems.**



Same as before. The upper right corner photo shows also the underground IHI serviced trenches that will be fully connected with the rest of the structure.