

Superglass Experiences the Benefits of Installing an ACSI Control System

ACSI engineers have successfully upgraded and integrated controls for a Batch House, two Melters and Drying Oven at an independent UK Fiberglass manufacturer, Superglass, in Stirling, Scotland

The Previous Control Solution

The customer's Melter, Forehearth & Bushing controls were based on old multiple single PID loop controllers.

Problems with the Previous Solution:

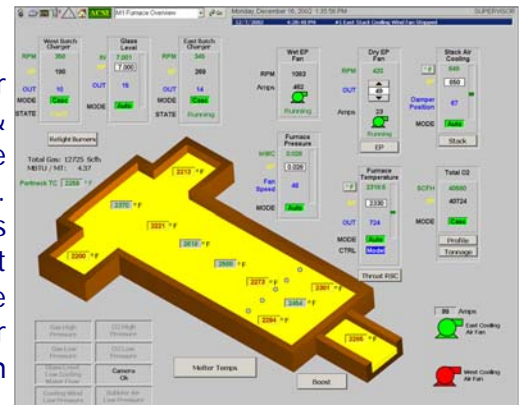
The old system had no historical databank, no reporting capability, no trending capabilities, and no ability to retrieve recipe job save and set up information.

The Customer's Objectives

- ◆ Improved control stability
- ◆ Extraction of management information from the process
- ◆ Comparing the day to day operation of the batch plant and two Melters in order to optimize the process efficiency
- ◆ Having remote real time access to the process

The ACSI Solution:

A new PLC based control solution with PC operator interface was designed with the Batch Plant & Melter systems based on a common hardware platform and integrated on a common database. Using the same platforms, a Hot Spot detector was installed into the Drying Oven to control the exit temperature of the finished product. The integrated control system has remote access over VPN for the plant managers to easily link up with ACSI service engineers.



Benefits/Customer Results

- ◆ A standardized format for trending, reporting & data storage, and retrieval which is easy for the plant operators to use and understand
 - ◆ Recipe job save and set up capability for the whole process
 - ◆ Data storage and retrieval for the life of the Melter campaign
 - ◆ A reduction in defect density and an improvement in product quality
 - ◆ Reduction of Forehearth temperature variability
 - ◆ Improvement of Melter temperature stability

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ACSI

Check out our updated
web site at
www.acsitoledo.com.

Glusstec Dusseldorf, Germany 2010

ACSI representatives from both the USA and United Kingdom will be heading to Düsseldorf Germany once again for Glusstec 2010. The conference and exhibits, sponsored by Messe Düsseldorf, will be conducted September 28 - October 01, 2010 at the Düsseldorf Fairgrounds.



Main product areas at the show will include:

- Glass production/production technique
- Glass processing and finishing
- Glass products and applications
- Measurement, testing and control technology
- Contracting, consulting, engineering
- Research and teaching, trade literature, trade associations and organizations

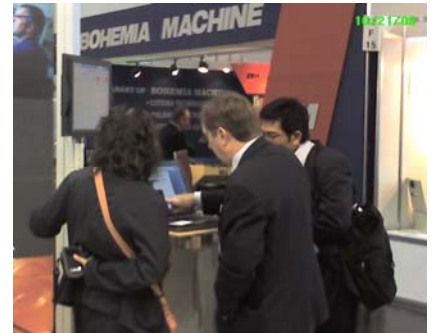
Come visit us at our Booth 13F80 in Hall 13

News from ACSI Europe

The second quarter of 2010 has proved to be as busy as the start of the year for ACSI's England office!

Adam Harrison travelled to China for the commissioning of a Float line control system on the island of Hainan. The project was one of the several commissioning jobs ACSI will undertake in China over the next year.

Following a visit from Dave Douglas & Art Lawrence to the BA Vidrios Lisbon plant (previously Sotacro), ACSI was awarded an order for a Melter system integration, an update from an old Matrix system. Despite the short delivery schedule, the equipment was installed on time and Mark Humphreys headed out to Lisbon in Mid June to undertake the site work.



Following a visit from ACSI's Hernando Martinez to the UK office at the start of the year, engineer Rob Haydon has been working away at writing the Solarcool program for the float system supplied by the US office to Egypt. Rob will be on site throughout July to commission this add-on to the process control system.

Adam Harrison will be back in Thailand at the end of June, working with Bangkok Glass, to integrate a Waste Heat Recovery system into the existing ACSI Melter system at their Khoen Khan plant.

Dave Douglas has been working on some elements of a Longhorn job. The UK is working with Fives-Stein on the Working End and Forehearth supply, while the US office is supplying controls for the Melter system.

The 3rd quarter of the year will see our engineers out in the Philippines, Russia, and China. Of course there is also Glusstec, in Germany, coming up that will be attended by Steve Nixon, Dave Douglas, Katie Marconi, and Karen Walder. We look forward to seeing everyone in Dusseldorf!



Meet ACSI Engineer Darren Boeke

Hometown: Coldwater, Ohio

Background: Bachelors of Science in Computer Science and Engineering from the University of Toledo

Started with ACSI: November of 2005

Interests: Water sports, snow skiing, and mixing sound for bands.

Favorite Movies: Die Hard series

Best thing about working at ACSI: The fellow co-workers (It's like a family).

Favorite Summer Activities: Boating

ACSI Quarterly Newsletter Company Survey

"What was your Best/Worse Summer Job?"

I was a bus boy at Bob Evans and it was the worst job on the planet. On top of wearing a ridiculous outfit, with a bow tie to boot, I had to try and get a decent tip from the retirees! ~Frank Lepkowski

Telephone solicitation for the Jaycees – a wonderful charity but a horrible job. Ever since then, I try to be kind to telephone solicitors, because I know what a crappy job it is. ~Dolores Wille

Crappy summer job? Oh yes. I worked for the Lucas County Sanitary Engineers mostly mowing around the open waste treatment plants. One day they wanted the minimum wage summer workers to scoop out some of the "stuff" from the pools of waste. When they handed me an orange life jacket in case I fell in...I drew the line. Mower, yes...scoop, no. ~Ron Finch

Waitressing at Pedro's Mexican Cantina during college! Best part...free Margaritas. Worst Part...scraping dried beans off people's plates. ~Katie Marconi

I worked for the City of Tiffin and one of my DUTIES (this will be significant in a few words) was to be on the crew that dredged the city sewer lines that led to the waste treatment plant. ~Josh Mompher

Best summer job, believe it or not, was working at "Glengary Country Club" (Stone Oak). I worked there when the LPGA played the Jamie Farr Classic. Nothing better than waking up at 4:30am to go cut grass for those ladies. Boy could they play the game and they were quite friendly to the greens crew!!! Worst summer job, working construction. I was in my early twenties and after about 3 months I had a permanent back ache. I'm glad I decided to use my brain instead of my brawn! ~Dean Cable

Babysitting for the well-to-do-neighbors was the best. At home, Mom made sure we had chores all day, but if we could land a babysitting gig, we would lay out by the lake all day, eating their food and reading their magazines. ~Karen Walder

ACSI President Steve Nixon Spends a Day at the Racing Track

As a holiday gift, all of us at ACSI chipped in and bought Steve a "Stock Car Adventure" package complete with "suing up and climbing into the driver's seat." So this July, Steve headed to Michigan International Speedway to hit the track as a Nascar Stock Car driver for the day. ACSI Engineer Rick Strosnider also went, for moral support, and to watch Steve take those 120 mph turns. Here is what Steve had to say about the experience... "It was a very different experience both exhilarating and scary at the same time. First of all based on my driving record I could not believe they let me drive. (The GE people would understand) Kidding aside it was great and I have a new appreciation of what the drivers do every weekend."



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improving performance
through advanced control solutions

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