



ExxonMobil
Chemical

**A newsletter from the
Fawley Site**

November 2013 Issue 36

www.exxonmobil.co.uk

You can now also see
Community Matters online at:
www.fawleyonline.org.uk

COMMUNITY MATTERS



Left to right: Steve Raynsford, Chris Collins, Gareth Anderson, Steve Tolley, Arthur Bell and Stu Reeves.



Inset: Arthur Bell

LIFE SAVERS!

Earlier this year, the refinery's Communications Control Centre received an emergency call reporting that a man, Arthur Bell, had collapsed on site and wasn't moving. The Communications Control Centre Operator immediately mobilised the Emergency Response team, consisting of three of the refinery's First Aid Responders, the Shift Site Manager and two mobile security personnel. The Fire and Response Group's Process First Line Supervisor also attended.

Arthur was struggling to breathe and in severe pain, so the team immediately called out the South Central Ambulance Service and then started to assess the problem. They checked Arthur's vital signs and found that he only had 84% oxygen saturation in his blood, which is extremely low. He was still struggling to breathe, had an extreme pain in his left side, felt very nauseous and was in shock.

The team initially gave him some Entonox to try and relieve the pain and to increase his oxygen levels but the

levels failed to rise. They therefore decided to administer oxygen. After 25 minutes, a paramedic arrived and set up a drip for Arthur, whilst also noting that he had very low blood pressure. The ambulance arrived shortly afterwards and Arthur was taken to hospital. Within an hour of arriving, he was in theatre. The surgeon discovered that an aneurism had ruptured a main artery in his chest - and that he could die if the bleeding wasn't stopped.

A happy outcome

After the incident, it transpired that if the responders hadn't acted in the way they had, the outcome would probably have been much worse. Steve Tolley, Fawley Site's Chief Fire Officer, explains: "In 90% of cases when a casualty suffers this type of event, they fail to survive. It was only due to the rapid response of the site emergency personnel and their professional approach to this incident that Arthur is now fit and well and has returned to work. This was certainly a good day at the office for the Emergency Response team!"



**WELCOME TO OUR NOVEMBER 2013
EDITION OF COMMUNITY MATTERS.**

If you would like to know more about us
or have any queries, please ring 023 8089 2511
and ask for Community Affairs

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Day of Caring 2013

In the last issue of Community Matters, we reported on how Fawley School benefited from the first project in Fawley's annual series of 'Day of Caring' projects. Since then, other local community projects have also benefited with cross-functional teams from the refinery arriving to help them with a project. Here are the details:

Manor Infant School



A team of twelve people, led by Process Operator Roy Phelps, carried out repair work on the school's main entrance gate, as well as on various pieces of woodwork. They also sanded and treated the fence running along the front of the school. Safety Representative, Richard Homan, ensured that all of the work was carried out safely.



SS Shieldhall

The SS Shieldhall is a steam ship docked at Dock Gate 4 in Southampton. A team led by Hannah Howard and Lewis Atkey freshened up the ship with a new coat of paint in the cabins, lifeboats and passageways.

www.ss-shieldhall.co.uk

Blackfield Primary School

Kevin Francis led a team that built a 'maths garden' at the school. This included different sizes and shapes of paving blocks that would help to teach the children maths in a fun environment. The team managed to complete an incredible amount of work in a short amount of time, despite poor weather conditions.



Copthorne Nursery

The nursery is owned by the Fawley site and the grounds are rented out to Hampshire County Council. The area is used to help adults with learning difficulties to develop their skills by working on the estate and growing their own plants and produce. A team led by Matt Day worked in three areas: painting the offices; building a path alongside a stream; and building a fruit cage to protect the plants from animals.



A little help from our friends

The Day of Caring scheme wouldn't be possible without the great help we receive from our contractor friends on site. This year, Trant, Speedy and DSL all lent a hand to ensure that the event was a complete success.



The steam cracker demolition project

The demolition of the Fawley Sites steam cracker, SC2, has continued over the last year. A large part of the operating area is now clear after the removal of asbestos and the demolition of structures, pipework and vessels. Earlier in the year, some of the smaller towers were 'felled'. This involved the well-planned preparation of the towers prior to pushing them over so that they would land in a precise location that had a carpet of concrete rubble that would absorb the force of the falling tower.

The tower felling was 100% successful and after further review it was decided to go ahead and fell the five larger towers in the same way. The largest one (the splitter) was 67m (220 ft) high and weighed 140 tonnes, so this wasn't a small undertaking! The other four towers were all over 50m (160ft) high.

At the end of July, the five large towers were successfully felled in just over two days - exactly on schedule and landing perfectly on the prepared concrete mats. This was achieved by detailed planning by the demolition contractor (EDS) and rigorous co-ordination with

adjacent units, which included vibration monitoring on all sensitive equipment.

The towers were then cut up at ground level, which was considerably safer than working on them at height. All of the metal will be recycled. Fawley Chemicals and FISR Project Manager, Rob Tarbard, comments: "Tower felling is a common practice in the demolition industry but is less common next to live operating units. The splitter tower is the tallest ever tower to be felled by EDS and probably the tallest in an ExxonMobil site."

Pictured below: Aerial shot of the SC2 demolition project.



Can the Blue Lamp Trust help you?

If you know anyone who is elderly or vulnerable, they could benefit from a free service supported by ExxonMobil at Fawley. Fawley has become the official sponsor of the Blue Lamp Trust's 'Bobby Scheme' van. This operates in the West Hampshire area (Southampton, the Test Valley, the New Forest and the Waterside). The sponsorship will enable the scheme to provide free Home Safety and Home Security Surveys to even more residents in the area.

The Blue Lamp Trust was set up in 2010 to promote community safety in Hampshire. Under the Bobby Scheme, the Trust's fitters conduct a survey at a resident's home and then complete certain works if identified as being necessary, free of charge. In return for ExxonMobil's sponsorship, the Trust will deliver more classroom-based driver training to staff at the refinery.

ExxonMobil Community Affairs Manager, Alison Jones, said: "The Fawley site is proud to be working with the Blue Lamp Trust to support the very important work of the Bobby Scheme here in West Hampshire. This is a great opportunity for us to show our care for the local communities, supporting the elderly and vulnerable, helping to reduce crime and reducing the risk of house fires."

Mark Bradford, General Manager of the Blue Lamp Trust, added: "Support from companies like ExxonMobil is absolutely vital if we are to continue providing the very important service that our Bobby Scheme fitters provide. Our free service helps to reduce the likelihood of residents becoming victims of a burglary and helps them to feel safe and secure in their own home. We can fit smoke alarms, carbon monoxide detectors, door chains, spy holes or door viewers, locks and bolts. We also provide a

**Inset left to right:
Assistant Chief Fire Officer, Nigel Burt, Alison Jones and Bobby Scheme Fitter.**

broad range of fire safety and crime prevention advice and can recommend other services if required."

The Blue Lamp Trust Bobby Scheme can be contacted on 0300 777 0157. The service is free to vulnerable people and anyone aged 60 or over. If you have elderly or vulnerable friends or family who would benefit from the service, give them a ring today!

Sulphur success



The FISR (Fawley Improved Sulphur Recovery) project is designed to increase the refinery's sulphur recovery to 99% by December 2015. The above ground construction of steelwork and pipework has now started after the successful completion of the major civils foundations by Trant.

Jacobs Engineering has been finalising the detailed engineering

elements and the construction phase is ramping up, with several contractors - SSE, Trant, Bilfinger and DSL - all engaged on the project. The construction force has a team of up to 40 people per day working on the FISR.

Project Engineer, John Brand, reports: "This is the first major project to be started using Fawley's new Loss Prevention System. Over 8,000 man hours have already been successfully

completed in the field - all injury and incident-free."

The construction team achieved a major milestone by completing the piling activities by the end of June. Meanwhile, the steelwork has also been erected very efficiently. This was achieved due to good engineering from Jacobs, detailed engineering and fabrication by Access Engineering, and a quality installation by Bilfinger and Trant, supported by DSL.