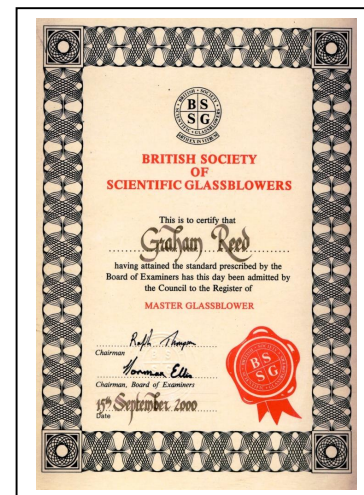


# Sci-Glass Consultancy

Curriculum Vitae: **Graham Reed**  
Born: Southampton, England, UK  
Current business: **Self Employed [Sci-Glass Consultancy]**

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## Summary

1. Family name: **Reed**
2. First names: **Graham Richard**
3. Nationality: **British**
4. Education: **Major achievements**

<i>Institution</i>	<i>Degrees / Diplomas Obtained</i>
<b>Stirling University, UK</b>	<b>B.A. Economics / History / Politics 1996 - 2002</b>
<b>British Society of Scientific Glassblowers</b>	<b>Master of Scientific Glassblowing 1999 - 2000</b>
<b>British Society of Scientific Glassblowers</b>	<b>Fellow of the BSSG 2011</b>

## Qualifications [summary]:

- 2011 Awarded **Fellowship** of the **British Society of Scientific Glassblowers**  
2003 **B.A.** with Credit [PPE] - University of Stirling  
1996 **Master Glassblower** by exam - British Society of Scientific Glassblowers  
1992 National General Certificate in Occupational **Safety & Health** - NEBOSH  
1982 **Appointed National Examiner** - British Society of Scientific Glassblowers  
1974 Awarded Full Membership / Certificate of Competence British Society of Scientific Glassblowers  
1958-1965 School/College: ONC Chemistry; 6 GCE's; 8 RSA – Indentured Apprenticeship.

## Career Path

**1965** **Laboratory technician**, Union Carbide Corporation, Hythe, Hampshire.

**1965-68 apprenticed scientific glassblower**, Phillips UK, Southampton where I was trained in all aspects of glass construction, design, manipulation and repair.

**1968-1970:** I worked as **scientific glassblower** for a “jobbing glassblowing” firm - T.W. Wingent Ltd., where I gained more experience in the manufacture of laboratory Glassware.

**1970-1973:** **Technical Sales Representative** - Employed in Sydney, Australia then Auckland, New Zealand as **promoting** laboratory apparatus and Glassware to industry, commerce and academia.

**1973-1976:** Returned, to work at T.W. Wingent Ltd., Southampton as **scientific glassblowing foreman**. Duties included control of jobs through the workshop, **training of junior glassblowers**, discussing and designing work with customers.

**1976-1980** Moved to Phillips, Southampton working on **development** of vacuum envelopes for IR units. Specialised in highly skilled processes including Vacuum forming / precision bore tube pulling / RF heat sealing / ultra-high Vacuum systems / embedded multi-wire envelopes etc.

**1980-1984** Self-employed - **making custom specials** / decorative Glassware for the gift market.

**1984-1988** **Chief Technician, University of Stirling**, Scotland. I was **in charge** of Glassblowing workshop and **responsible for all** aspects of stock control, workshop management, liaison with academic staff and science technicians. I **controlled all aspects of manufacturing and repair** of all glassware within the University. I **created a market of trade with Scottish industry** - Chemical, Pharmaceuticals etc. **My role was a combination of consultant, designer, maker and salesman.**

**1988-2002** I established a new business and workshop as **Proprietor** of Scotia Glass Technology Ltd: **employing six staff** including four Glassblowers.

# Sci-Glass Consultancy

**In Scotland, I have trained nine school-leavers in the skills of scientific glassblowing to the level of certificate of Competence.** These trainees have gone to **become the chief scientific glassblower** in the **Universities of Brisbane / East Anglia / Glasgow and Toronto.**

**My customers included all of the major pharmaceutical drug manufacturers and Universities throughout Britain / Europe / Asia / USA.** I routinely gave **glass safety handling instruction to my customers.**

**2003-2012** On a **Self-Employed consultancy** basis, I was employed as a consultant to the Scientific glassblowing industry / Sales director by Windsave Ltd. that developed a micro-generation wind turbine system.

**2012 – I applied to establish a new facility at ARAMCO in Dharhan – I was notified as the preferred candidate** but the post was not established for me to take up.

**2013** I supplied as Consultant, the **training of three employees** at ABB [UK] Ltd to initiate their own glass manufacturing processes.

Advisor to management at Yorlab Ltd. York, UK on manufacturing techniques and machinery.

## Qualifications:

6 GCE 'O' level grade certificates; maths. Sciences, English, geography  
Studied ONC Chemistry & Physics at College [incomplete, due to switch to Glassblowing]  
I am a full member of the British Society of Scientific Glassblowers [BSSG] by qualification.  
I was Society chairman 1994-1998 and was Society Librarian from 1999 - 2005.

In 2000, I passed the **Master Glassblower** examination and am the only Master Glassblower of the BSSG by examination and qualification.

**Bachelor of Arts** [Politics] with credit – University of Stirling 2002. [Study done as evening-degree student] subjects studied include – British History / Economics / Philosophy / E.U. Russian, Yugoslav, Scottish and theory of Politics.

## Experience:

**2003-Now** **Sci-Glass Consultancy - Self-employed:** subcontract glassblowing / consultancy on all aspects of scientific glassware.

**2003-2007** Sales Director Windsave Ltd. As a Consultant, I have been intimately involved with the development of the product and marketing the concept as a new-generation renewable energy system. I have attended conferences, exhibitions and symposiums throughout the UK, Belgium, Greece and California representing Windsave Ltd. I initiated the application of the Windsave system to various awards culminating in winning the VIBES Award 2006 and European 'Best new Renewable Energy product' 2007. Windsave was runner-up at the World Technology Awards 2007.

I was the representative on the BWEA steering committee and the Scottish Governmental panel for the amendment to planning easement for the installation of micro-wind turbines. I help influence their decisions by recommendation of technical specifications and operating parameters by virtue of my knowledge and experience.

**1988-2003** Owner - Scotia Glass Technology Ltd. Core skills: Management of Customers and Staff [7, HR function] Design and testing of scientific apparatus with specific attention to industrial and chemical plant safety standards workshop design, installation and management general business management - Accounts, IRS & VAT, NI bookkeeping, stock control, purchasing, Sales and Marketing. **Employing school-leavers whilst training them through the BSSG [British Society of Scientific Glassblowers] examination structure up to full membership of the BSSG by gaining their Certificate of Competence qualification.**

**1984-1988** **Chief Technician, University of Stirling:** in charge of University workshop – similar roles to my ownership of Scotia Glass Technology Ltd. With only one trainee school-leaver student.

**1973-1984** Self-employed - general Glassblowing

**1970-1973** Sales and Marketing; Laboratory Supply Companies

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skype **grahamsci**13 FILE: CV-GRRGlassTrainOSeas170511

## Training Record:

I have trained a very successful generation of scientific glassblowers. My **first trainee** was employed whilst I was the Chief Technician at University of Stirling. On establishing Scotia Glass Technology Ltd in 1988, I employed **two trainees** and then expanded my trainees to five by 1992. in total, **I have trained from school-leaver to fully competent, seven young men and two women.**

**Some for these Scientific Glassblowers have gained senior posts in these Universities:**

East Anglia [Norwich, England]  
Glasgow [Scotland]  
Queensland [Australia]  
Toronto [Canada]

Two of the other trainees are now co-owners of Scott Glass Ltd, Stirling, Scotland, [www.scottglass.co.uk](http://www.scottglass.co.uk)  
They are leading manufacturers of large volume jacketed reactors amongst a wide range of custom-made products.

I offer, using my training record along with my skills and experience to your business. I was **Chair of the Examination / Competition Board of the British Society of Scientific Glassblowers** and Scottish industry representative on the UK training and qualification Board for the Glass Industry – GTL.

**2013 On-site training of factory workers** – Cumbria: to implement a training programme for their staff to manufacture glassware to incorporate into their own product. So far, I have completed three sessions to bring three total beginners up to manufacturing competence using a lathe and hand-torches.

**2016** I have delivered one-day and short [weekly for 6 months] training courses for mature [21+yo] Adults. **Training included** safe-handling, basic bench skills and glass-related material-science theory.

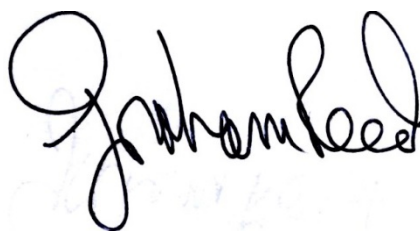
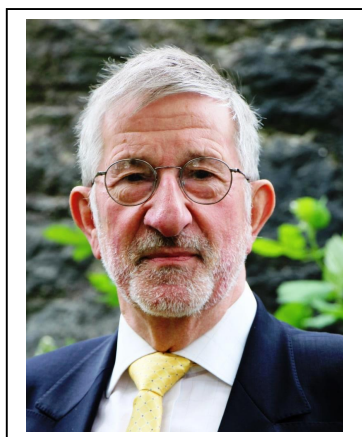
## Management Skills:

I am **confident, capable and experienced** in these skills:– Administration, Analysis, attention to detail, Communication, Decision-making, Innovation and invention, marketing, motivating fellow colleagues, planning and sales. I have good recall and appreciation of numbers and related facts.

My views on business include **supporting the concepts** of fairness, honesty, balancing the [sometimes] competing needs of the customer, employee, employer, supplier and shareholder. Most important is the desire to deliver a good product or service on time and to budget.

**I have a full Passport: I have visited over 50 countries throughout all continents [except Antarctica]**

“Thank you for your interest in me!”



Graham Reed