

SIX SIGMA MASTER BLACK BELT DEVELOPMENT PROGRAMME

Based on the requirements of ISO18404:2015



Prof. Tony Bendell

Learn from the experts.

Professor Tony Bendell and his colleagues at Services Ltd. have been providing training and consultancy nationally and internationally in all aspects of Six Sigma, Lean, Process Improvement and Quality Management for many years. We have trained hundreds of Six Sigma delegates on public and in-house programmes up to Black and Green Belt level.

Our Master Black Belt Development Programme has been built on this experience and Prof. Bendell's extensive international knowledge of the field, as former Rolls-Royce funded Professor of Quality & Reliability Management at the University of Leicester. This has been added to by Professor Bendell's unique experience as chair of BSI Technical Committee MS6 that developed the ISO18404:2015 standard, and his current role as project manager of the sector scheme set up by the Royal Statistical Society in cooperation with the major UKAS accredited certification bodies to allow accredited certification against ISO18404.

This Master Black Belt Development Programme has been designed to enable delegates to meet the certification requirements as Master Black Belts under ISO18404, and consists of an initial workshop and assessment centre; candidate's application, skill and portfolio development within their own organisation; tutor assessment and coaching visits and observation; and an end of programme workshop, assessment and development seminar.

Delegates are assessed throughout the programme and candidates who complete satisfactory portfolios and pass the in-programme assessments will be certificated as Master Black Belts by Prof. Bendell and be prepared for independent assessment by the Royal Statistical Society, and if successful certification, as Master Black Belts under ISO18404:2015.

2018 Master Black Belt Development Programme

- o Initial Seminar/Workshop and Assessment Centre
- o End of Programme Workshop, Assessment and Development Seminar

Master Black Belt Qualification

Master Black Belts are the technical summit of the Six Sigma practitioner hierarchy, being experts in the theory and practice of application through DMAIC, and sometimes DFSS, projects. They are also typically leaders and managers within company Six Sigma programmes. They work with senior management and Project Champions to identify, prioritise and manage improvement projects and to ensure delivery of planned and measured payback. They act as coaches to Green and Black Belts, as well as Management and Project Champions. So they need to be knowledgeable, focussed and evaluative technically, and diplomatic, enthusiastic and skilled interpersonally. **Good coaches, good experts, good leaders.**

The Services Ltd. Master Black Belt Development Programme exists to take competent Black Belts and help them to develop the skills, knowledge and competencies they need to become competent and valuable Master Black Belts. **Because of the nature of the Master Black Belt role, and the specific competency requirements for Master Black Belts in ISO18404:2015, it has been designed as a development programme rather than just a training course.** In our opinion, such courses are inappropriate for work at this level.

Becoming a Certified Master Black Belt

To be eligible to join this programme, you **must** already be qualified as a Black Belt, with a recognised qualification and successful Six Sigma project experience. Candidates who do not meet this requirement but who have a sufficient depth of technical knowledge and experience may be **exceptionally** admitted onto this programme at the discretion of Prof. Tony Bendell and his colleagues.

The Master Black Belt Development Programme consists of three stages. The **Initial Seminar/Workshop and Assessment Centre** lasting four days, introduces the programme, methods of learning and assessment, as well as defining the knowledge base and competency requirements for Master Black Belts in ISO18404, and introducing some of the more advanced technical content, software use and role requirements. During this, the candidate's precise current knowledge and competencies are assessed and a **personal development plan** is constructed and agreed. The **second stage** involves the Master Black Belt candidate working through the development plan and constructing a **portfolio of evidence** to support the agreed knowledge, skill and competence development requirements. During this stage, a Services Ltd. tutor normally will make **two assessment and coaching visits** to the delegate at his or her place of work to observe, assess and coach the Master Black Belt candidate and, if necessary, to provide advise to local management. Typically this stage lasts two months, but exceptionally can be extended for up to a year. The final stage of the programme consists of a four-day **End of Programme Workshop, Assessment and Development Seminar**. This includes delegate presentations, an evaluation and sharing of delegate's individual and collective learning, the final assessment to verify candidate's knowledge and competence, and an additional input on practice, role and further learning.

Programme Structure and Content

Initial Seminar/Workshop and Assessment Centre (four days)

- Programme Introduction
- Advanced technical content, software use and role requirements
- Competency requirements for Master Black Belts in ISO18404
- Assess Current Knowledge and Competencies
- Agree Personal Development Plans

Personal Knowledge, Skill and Competence Development (typically two months)

- In-house Application in Candidate's Organisation
- Developing Portfolio of Evidence
- Tutor Assessment and Coaching Visits (normally two)

End of Programme Workshop, Written Test and Development Seminar (four days)

- Delegate Presentations
- Evaluate and Share Individual and Collective Learning
- Practice, Role and Further Learning
- Final Assessment and Identification of Outstanding Requirements
- Preparation for independent ISO18404 Master Black Belt certification by the Royal Statistical Society

Cost (for UK-based organisations)

£2,880 first delegate

Overseas-based delegates will be charged in addition the travel and subsistence costs for the tutor's assessment visits. For organisations outside Europe, a total of two days travelling time will also be charged.

To book a place or to check eligibility for the programme, please contact Professor Tony Bendell at: Services Ltd., Sherwood House, Nottingham, NG25 0JH, UK

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