

Report on Iron work in Blaenavon City, UK Wales

Executive summary

The entire study is based upon Blaenavon, a historical place of South Wales that has been certainly engaged in the production of iron ores and has been a landmark history among the mind of the people of South Wales. This place has often been regarded as a place of mental recreation for the people of South Wales on every weekend. The study further describes the historical aspects which have led to the development of the region as the master of ironworks.

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Introduction

Blaenavon Ironworks has been founded in the year 1789, and it has been considered to be the first multi furnace ironworks in the city of Wales. This area has been regarded as one of the popular heritage sites in UK and attracts visitors of all ages for its mesmerizing iron works. This area has been recognized as the major producer of iron and coal in the world from the era of 19th century. This place has been also referred to be one of the most important heritage side of the world, with its most significant in mining of iron, copper, and coal in the formation of the heart of the valleys for a period of hundred years.

Findings

Heritage ironworks

It can be viewed they remain of the furnaces, the cast houses, and certainly the restore of the Water Balance Tower. This place certainly signifies about the history of the iron works from the era of 19th century. The authorities have certainly been displaying the ironworks through exhibition and also through reconstruction. However, there has also been a glimpse of the works of the past that mainly informs about the incorporation of the scientific process during the production of iron (Biddle, 2016).

Water Balance Tower, Blaenavon Ironworks

The water balance tower has been considered to be a masonry structure that is certainly T-shaped. The top of this structure has been framed with an iron framework. Its lowest opening has been presented through a secondary arch. Its base contains water tanks that certainly hold the capacity of holding 3 tones of water. The cages have been running up and down. The lower cage has been filled up with a loaded wagon. It is assumed that as there is an excess of water flow, the brake of the cage is released and the cage certainly rises up. However, the lifting distance is all about 25 meters. The tower has been constructed upon the rising ground. The top of the tower has been originally in a connection to the tram road through a bridge and at present it has been replaced through masonry. It has also been seen that the tram ways has been running in the middle of the iron works (Cigna *et al.* 2017).

Here comes about the story of the Blaenavon Ironworks, the Blaenavon iron works has been constructed in the year 1789, and it has been considered to be the first major purpose of the building of the multi-furnace ironworks in the city of Wales. This construction has been ranked under the category of Grade 1, for its masonry water balance. This architecture has been holding a technology of hydraulic lifting that is mainly enabled to raise irons from the works upon the tramways, which is certainly beneficial for onward transportation in carrying to the barges upon the canals of Brecknock and Abergavenny. This architecture has been holding the mark of World Heritage Site (Cigna *et al.* 2017). As opined by Williams (2015), this architecture has also been considered to be a monument that is certainly scheduled and ancient. The tower has been constructed in the tenure of James Ashwell, who has been holding the designation of Managing Director at Blaenavon Iron and Coal Company, during the time of modernization of the industry of the iron works.

Man engine

Man engine is an 11.2 tall stem of mechanical puppets. The city of South Wales has been regarded as one of the most significant city for the mining of iron, copper, and coal. This has however been considered to be one of the most important heritage location. It has been assumed that in the upcoming days of the year 2018, this miner will be holding a term of heritage for the people on every weekend for their mental recreation. However, the management is trying its level best in making the availability of tickets and also making the tourists well informed, by giving a regular update through the medium of internet. The authorities say that the Man Engine will be holding some nostalgic displays in the month of April, 2018. However, the tickets will be released through the website of the man engine (Chase, 2016).

Analysis

Reason for mastering ironworks

It has been found that since in the year 1860's, the company has been bringing up a production of the new steel works at the Forgeside valley, that certainly intends in making the ironworks to be an increasing redundant. In the year 1878, it has been seen that there was a huge expansion of the scale of production that certainly resulted of a consequent growth of the operations of the

minerals, in production of the products of the iron. It has also been seen that there has also been a continuous increase of the rate of employment employing more than 27000 people at a time, which have led to further developments (Chase, 2016).

Blaenavon Industrial Landscape

Blaenavon has been regarded as a major producer of coal and iron since 19th century. In this city one can easily see the mines of coal and iron ores, however, there has also been a picture of the primitive rail, one can also see the furnaces, the home of the workers, and certainly the infrastructure of their community. Blaenavon has been recognized as one of the major force of industrial revolution. It has been considered to be a major arena for the working of mining and settlements. The landscape also pictures coal, iron ore, fireclay, and the working of the limestone's (Chase, 2016).

Conclusion

Here it can be concluded that Blaenavon has been a major area in the production of coal and iron ore since 19th century, which have led to its mastery in this area. The management has been taking a major initiative in preserving its cultural heritage and values. This place has also been a major place of tourist attraction and also a place of mental recreation on every weekend. The landscape of Blaenavon often gives beautiful scenery of coal, iron ore, the picture of the fireclay, and also the amazing work of the limestone. The above factors as well as huge demand and employment in mining sectors have led to the development of Iron works in the chosen area.

Recommendations

Here are some points that are to be recommended:

- Preservation of cultural heritage
- Maintenance of values
- Providing a protection of the workers
- Strongly maintaining the blast furnaces
- Protection of the equipments
- Protection of the environment

Reference List

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