

G H Astbury & Company Limited

Company Notes

Company Number	04110241
Registered Office	23 Church Lane Old Arley Coventry CV7 8FW
Directors	Mrs M Astbury J G Astbury R T Beattie J D Keeling
Company Secretary	Mrs M Astbury
Reporting Accountant	G L Aston FCA 23 Church Lane Old Arley Coventry CV7 8FW

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15. The fifteenth	16. The sixteenth
17. The seventeenth	18. The eighteenth
19. The nineteenth	20. The twentieth
21. The twenty-first	22. The twenty-second
23. The twenty-third	24. The twenty-fourth
25. The twenty-fifth	26. The twenty-sixth
27. The twenty-seventh	28. The twenty-eighth
29. The twenty-ninth	30. The thirtieth
31. The thirty-first	32. The thirty-second
33. The thirty-third	34. The thirty-fourth
35. The thirty-fifth	36. The thirty-sixth
37. The thirty-seventh	38. The thirty-eighth
39. The thirty-ninth	40. The fortieth
41. The forty-first	42. The forty-second
43. The forty-third	44. The forty-fourth
45. The forty-fifth	46. The forty-sixth
47. The forty-seventh	48. The forty-eighth
49. The forty-ninth	50. The fiftieth
51. The fifty-first	52. The fifty-second
53. The fifty-third	54. The fifty-fourth
55. The fifty-fifth	56. The fifty-sixth
57. The fifty-seventh	58. The fifty-eighth
59. The fifty-ninth	60. The sixtieth
61. The sixty-first	62. The sixty-second
63. The sixty-third	64. The sixty-fourth
65. The sixty-fifth	66. The sixty-sixth
67. The sixty-seventh	68. The sixty-eighth
69. The sixty-ninth	70. The seventieth
71. The seventy-first	72. The seventy-second
73. The seventy-third	74. The seventy-fourth
75. The seventy-fifth	76. The seventy-sixth
77. The seventy-seventh	78. The seventy-eighth
79. The seventy-ninth	80. The eightieth
81. The eighty-first	82. The eighty-second
83. The eighty-third	84. The eighty-fourth
85. The eighty-fifth	86. The eighty-sixth
87. The eighty-seventh	88. The eighty-eighth
89. The eighty-ninth	90. The ninetieth
91. The ninety-first	92. The ninety-second
93. The ninety-third	94. The ninety-fourth
95. The ninety-fifth	96. The ninety-sixth
97. The ninety-seventh	98. The ninety-eighth
99. The ninety-ninth	100. The hundredth

G H Astbury & Company Limited

Directors Report

The directors present their annual report with the accounts for the year ended 31 December 2008

Principal activity

The principal activity for the year under review was the provision of engineering Consultancy, trailer conversion and waste management equipment for corporate entities.

Directors

The directors in office in the year and their interest in the company's issued share capital were as follows:

Mrs M Astbury

2 Ordinary shares

Directors responsibilities


Company law requires the directors to prepare accounts for each financial year which give a true and fair view of the state of affairs of the company and of the profit or loss of the company for that period.

In preparing those accounts the directors are required to:

- Select suitable accounting policies and then apply them consistently
- Make judgements and estimates that are reasonable and prudent
- Follow applicable accounting standards, subject to any material departures disclosed and explained in the accounts
- Prepare the accounts on the going concern basis unless it is inappropriate to presume that the company will continue in business

The above report has been prepared in accordance with the special provisions of Part VII of the Companies Act 1985 relating to small companies.

By order of the board


.....
M Astbury
Director

16 December 2009

1. Introduction

1.1. Background

The purpose of this report is to provide a comprehensive overview of the current state of the art in the field of artificial intelligence (AI) and its applications in various domains.

1.2. Objectives

The primary objective of this report is to analyze the recent advancements in AI, particularly in the areas of machine learning, natural language processing, and computer vision. Additionally, it aims to identify the challenges and opportunities associated with the widespread adoption of AI technologies.

1.3. Scope

This report focuses on the theoretical foundations and practical applications of AI. It covers the latest research findings and their implications for various industries, including healthcare, finance, and manufacturing.

1.4. Structure

The report is organized into several sections, each addressing a specific aspect of AI. The following sections will provide a detailed analysis of the current state of the art and the future prospects of AI.

2. Theoretical Foundations

This section discusses the fundamental principles of AI, including the concepts of learning, reasoning, and problem-solving. It explores the mathematical models and algorithms that underpin these processes.

The first part of this section focuses on the concept of learning, which is the process by which a system acquires knowledge from data.

Learning is a core component of AI, enabling systems to adapt to new environments and solve complex problems.

There are two main types of learning: supervised learning and unsupervised learning.

Supervised learning involves training a model on a labeled dataset, where the model learns to map input features to specific output classes.

Unsupervised learning, on the other hand, involves training a model on an unlabeled dataset, where the model learns to identify patterns and structures in the data without any prior knowledge of the output classes.

Both types of learning are essential for the development of intelligent systems.

In addition to learning, reasoning is another fundamental aspect of AI. Reasoning involves the ability to draw conclusions from a set of premises or facts.

There are two main types of reasoning: deductive reasoning and inductive reasoning.

Deductive reasoning involves drawing conclusions from general principles, while inductive reasoning involves drawing conclusions from specific observations. Both types of reasoning are crucial for the development of intelligent systems.

3. Applications

3.1. Machine Learning

Machine learning is a subset of AI that focuses on the development of algorithms that can learn from data and make predictions or decisions based on the learned information.

There are three main types of machine learning: supervised learning, unsupervised learning, and reinforcement learning.

G H Astbury & Company Limited
Profit and loss account
For the year ended 31 December 2007

	Note	2008	2007
Turnover	2	75918	66518
Cost of sales		66466	32446
Gross profit (loss)		<u>9452</u>	<u>34072</u>
Administrative expenses		27883	22782
Operating profit (loss)		<u>(18431)</u>	<u></u>
Interest receivable		Nil	Nil
Profit (loss) on ordinary activities before taxation		<u>(18431)</u>	<u>11290</u>
Tax on profit on ordinary activities	5	Nil	Nil
Profit (loss) for the financial year after taxation		<u>(18431)</u>	<u>11290</u>
Dividends			
Retained profit (loss) for the financial year		<u>(18431)</u>	<u>11290</u>

6. The following is a summary of the
 7. net loss for the year ended 31 December 2007
 8. for the year ended 31 December 2007

2007	2006	2005	2004
1,000,000	1,000,000	1,000,000	1,000,000
1,000,000	1,000,000	1,000,000	1,000,000
1,000,000	1,000,000	1,000,000	1,000,000
1,000,000	1,000,000	1,000,000	1,000,000
1,000,000	1,000,000	1,000,000	1,000,000
1,000,000	1,000,000	1,000,000	1,000,000
1,000,000	1,000,000	1,000,000	1,000,000
1,000,000	1,000,000	1,000,000	1,000,000
1,000,000	1,000,000	1,000,000	1,000,000
1,000,000	1,000,000	1,000,000	1,000,000

G H Astbury & Company Limited

Balance Sheet

As at 31 December 2006

	Note	2008	2007
Fixed assets	5	209095	19395
Current assets			
Work in progress	4	5104	6560
Trade debtors		10538	8207
Cash as bank		11734	40980
Sundry debtor		2799	4528
		<u>30175</u>	<u>60275</u>
Current liabilities			
Creditors: falling due within one year	7	48442 (18267)	36795 23480
Net current assets		<u>190828</u>	<u></u>
Creditors: falling due after more than one year		166384	
		<u>24444</u>	<u>42875</u>
Capital & reserves		2	
Called up share capital	8		2
Profit & loss account	10	24442	42873
		<u>24444</u>	<u>42875</u>

For the financial year ended 31 December 2008 was entitled to exemption from audit under Section 249A(1) Companies Act 1985; and no notice has been deposited under Section 249B(2). The directors acknowledge their responsibility for ensuring that the company keeps accounting records which comply with Section 221 of the Act and preparing accounts which give a true and fair view of the state of affairs of the company as at the year end and of its profit or loss for the financial year in accordance with the requirements of Section 226 and which otherwise comply with the requirements of the Companies Act 1985, so far as is applicable to the company.

The accounts have been prepared in accordance with the special provisions of Part VII of the Companies Act 1985 relating to small companies and in accordance with the Financial Reporting Standard for Smaller Entities.

These accounts were approved by the board of directors on 16 December 2009 and were signed on its behalf by:

..... *M. Astbury* M Astbury director

G H Astbury & Company Limited

Notes to the accounts

For the year ended 31 December 2008

1. Accounting convention

The accounts are prepared under the historical cost convention and in accordance with the Financial Reporting Standard for Smaller Entities.

2. Turnover

Turnover represents amounts receivable for goods and services net of VAT and trade discounts.

3. Tangible fixed assets and depreciation

Tangible assets are stated at cost less depreciation. No depreciation charge is provided for in the accounts as the directors are of the opinion that the plant purchased during the year is of a value in excess of its purchase price.

4. Work in Progress

The sum stated in the accounts is calculated as the amount expended on contracts achieved but not completed at the year end

5. Taxation

The taxation charge based on the operating profit for the year is Nil

6. Tangible Fixed Assets

	Freehold Property	Plant & Machinery	Total
At cost 1 January 2008		22818	22818
Additions during year	190000	3480	193480
As at 31 December 2008	190000	26298	216298
Depreciation			
As at 1 January 2008		3423	3423
Charge for the year		3780	3780
As at 31 December 2008		7203	7203
Net book value 31 December 2007		19395	19395
Net book value at 31 December 2008	190000	19095	209095

7. Creditors :falling due within one year

	2008	2007
Trade creditors and accruals	6539	3962
Other creditors	32990	32853
Commercial loan	8913	
	48442	39795

1. The account is a liability account.

2. The account is a contra account.

For the year ended 31 December 2007

1. Accumulating contra account

The account is prepared in accordance with the Financial Reporting Standard (FRS) 18, which requires that the account is a liability account.

2. Turnover

Turnover is the amount of goods and services sold during the year. It is calculated as follows:

2.1. Turnover is calculated as follows:

It is calculated as the difference between the amount of goods and services sold during the year and the amount of goods and services returned during the year.

The amount of goods and services returned during the year is calculated as follows:

It is calculated as the difference between the amount of goods and services returned during the year and the amount of goods and services returned during the year.

2.2. The amount of goods and services returned during the year is calculated as follows:

It is calculated as the difference between the amount of goods and services returned during the year and the amount of goods and services returned during the year.

Particulars	2007	2006
Turnover	100000	90000
Less: Goods and services returned	(10000)	(8000)
Net turnover	90000	82000
Less: Goods and services returned	(10000)	(8000)
Net turnover	80000	74000
Less: Goods and services returned	(10000)	(8000)
Net turnover	70000	66000
Less: Goods and services returned	(10000)	(8000)
Net turnover	60000	58000
Less: Goods and services returned	(10000)	(8000)
Net turnover	50000	50000
Less: Goods and services returned	(10000)	(8000)
Net turnover	40000	42000
Less: Goods and services returned	(10000)	(8000)
Net turnover	30000	34000
Less: Goods and services returned	(10000)	(8000)
Net turnover	20000	26000
Less: Goods and services returned	(10000)	(8000)
Net turnover	10000	18000
Less: Goods and services returned	(10000)	(8000)
Net turnover	0	10000

The amount of goods and services returned during the year is calculated as follows:

It is calculated as the difference between the amount of goods and services returned during the year and the amount of goods and services returned during the year.

G H Astbury & Company Limited

Notes to the accounts (continued)

For the year ended 31 December 2007

8. Creditors falling due after more than one year

	2008	2007
Commercial loan	166384	Nil

9. Share capital

	2008	2007
Authorised		
100 Ordinary shares of £1 each	100	100
Allotted, called up and fully paid	2007	2006
2 Ordinary shares of £1 each	2	2

10. Profit and Loss Account

	2008	2007
	£	£
Retained profit at start of year	42873	31583
Retained profit (loss) for the year	(18431)	11290
Retained profits at end of year	<u>24442</u>	<u>42873</u>

11. Control

The company is controlled by the directors

11. Post balance sheet events

There were no significant events subsequent to the balance sheet date

2007 2006

(in thousands of dollars)

2007 2006

2007 2006

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