



# **TECHNICAL SPECIFICATION**

Ver 04/18

## **Overview**

The Playhouse Theatre does not guarantee that all or any of these facilities or equipment will be available or suitable for the purposes of the visiting company. A visiting company should in all cases check with The Playhouse's Technical Manager to ensure the information contained herein is up to date and correct. At certain times some equipment detailed in this document may be temporarily unavailable.

**Please be aware of The Playhouse's Health and Safety Policy for Visiting Companies, which details safe systems of work for the theatre, and which forms part of the contract with the visiting company.**

## **Address**

High Street  
Weston Super Mare  
North Somerset  
BS231HP

## **Contacts**

**Peter Tilke : Technical Manager**

**Tel : (01934) 611102**

**Mob : 07867 655580**

**Email : [playhousetechnical@parkwood-leisure.co.uk](mailto:playhousetechnical@parkwood-leisure.co.uk)**

**Theatre Technician**

**Tel : (01934) 611102**

**Email : [playhousetechnical@parkwood-leisure.co.uk](mailto:playhousetechnical@parkwood-leisure.co.uk)**

## **WORKING REGULATIONS**

It is essential that the following regulations and restrictions are noted by all visiting companies. Please ensure that any relevant personnel are made aware of the following:

**Working Time Regulations:** Please note that in accordance with Working Time Regulations 1998, an 11 hour break between working shifts must be scheduled for all members of staff.

Furthermore, suitable breaks must be scheduled within shifts to ensure the health and welfare of all staff. If in doubt as regards any aspect of the working schedule please contact the Technical Manager. All schedules must be agreed in advance.

### **Noise at Work Regulations:**

Please note that in accordance with the Noise at Work Regulations 1989, the Control of Noise at Work Regulations 2005, and for the benefit and care of all staff and members of the public, The Playhouse Theatre reserves the right to monitor and if necessary limit the sound levels for any given performance.

### **Working at Height Regulations:**

The Playhouse Theatre has various rung zarges ladders. Access to the ladders are restricted to rigging, focussing lanterns, gel changes or checking power to moving lights etc. The Playhouse has a number of staff trained in the use of the zarges, competent touring staff that have a safe knowledge of their use will be allowed to use them.

### **Flying:**

Any flying operation will require a minimum of two persons to be present. One to fly and one on stage to maintain safety and a line of communication. For large or complicated shows it may be necessary to provide a loader. Please keep this in mind when setting schedules and crewing levels for any production.

### **Loading and Unloading**

Load-in / dock doors Main Loading doors and stage access are to the rear of the building (SR) as you enter Market Lane to the rear there is a loading bay which can accommodate 1x Trailer, or 2x vans. Trailers & vans may be left in the loading bay on the dock door. However all cars in the loading bay are left at their own risk.

The Playhouse Theatre Code of Practice for loading / unloading Staffing: The visiting company must ensure that a competent person is appointed to supervise the unloading and loading of the truck(s) or wagon(s). ALL crew will be competent, well rested at the beginning of the shift, and sober. ALL crew will follow The Playhouse Theatre requirements for Personal Protective Equipment and will wear protective footwear throughout any loading or unloading. Sufficient crew must be provided or requested of The Playhouse Theatre in advance. If loading/unloading is deemed unsafe as a result of insufficient crew, The Playhouse Theatre reserves the right to delay any unsafe activity until such time as additional crew can be deployed. Loading/unloading The visiting company will have ensured the truck is safely packed, with no dangerously balanced items at risk of falling and injuring any member of any crew.

## **PRESENTATION OF PRODUCTIONS:**

Lighting for auditorium seats; The house light levels have been preset to comply with the minimum light output regulations enforced by the local authority, and so the auditorium cannot have a complete blackout. This means the fire exit signs are illuminated at all times. In addition, a small selection of lights essential to audience safety remain at low level at all times.

## STAGE & STAGE EQUIPMENT

<b>Stage Dimensions</b>		
<b>Proscenium Opening</b>	9.3m	wide
	5.6m	high
<b>Stage</b>	8.2m	deep
	11m	wide
	10.4	deep (with pit up as a forestage)
<b>Load in door</b>	2.5m wide x 3.5m high	
<b>Grid</b>	13.4	high
<b>Bars</b>	10.9m	Wide (3 Wire Suspension)
<b>Bar Diameter</b>	Gas Barrel 60mm	
<b>Safe Working Load</b>	300kg	Evenly Distributed
<b>Orchestra Pit</b>	8.9m	wide
	2.2m	deep
	1.8m	height

<b>Stage Equipment</b>		
<b>Floor</b>		Sprung Maple
<b>Rostra</b>	12	8x4 litedeck (heights 6" 1' 18" 2' or 3')
<b>Pianos</b>	1	Yamaha C3S Boudoir Grand (Black)
	1	Upright (Black)
<b>Music Stands</b>	15	
<b>Conductors Stand</b>	1	
<b>A Frame ladders</b>	4	Various rung
<b>Lecturn</b>	1 x Aluminum trilite	1 x Wooden
<b>Stage armless chairs</b>	65	Red

<b>Flying Equipment</b>		
<b>Single Purchase Counterweight</b>	<b>30</b>	Total
<b>House Border pulley</b>	<b>1</b>	
<b>Pre wired LX bars</b>	<b>4</b>	Bars (4) - (11) - (18) - (24)
<b>Boarder hemp sets</b>	<b>3</b>	
<b>Hemp sets</b>	<b>1</b>	Back wall
<b>Side masking</b>	<b>2</b>	S/L + S/R

<b>Drapes</b>		
<b>House Border</b>	<b>1</b>	Black serge
<b>House Tabs</b>	<b>1</b>	Red velour with Gold Fringe
<b>Tabs</b>	<b>2 Pair</b>	Silver
	<b>2 Pair</b>	Black
<b>Masking Legs and Borders</b>	<b>3 Sets</b>	Black Wool Serge
<b>Gauze</b>	<b>1</b>	White Sharkstooth
	<b>1</b>	Black Sharkstooth
<b>Festoon</b>	<b>1</b>	Silver
<b>Starcloth</b>	<b>1</b>	Pealight (permanently rigged bar 30)
<b>Banners</b>	<b>4</b>	White gauze

<b>Stage Power Supplies</b>		
<b>Three Phase</b>	<b>125a 63a 32a</b>	U/S/R Ceeform RCD Protection (100 miliamp)
<b>Single Phase</b>	<b>16a</b>	U/S/R + D/S/R Ceeform RCD Protection
<b>Sound Power</b>	<b>16a 32a 63a</b>	D/S/L + D/S/R Ceeform RCD Protection

## LIGHTING EQUIPMENT

<b>Control</b>		
<b>ETC Gio@5</b> <u>20 x Manual Fader Wing</u> <u>10 x Motorized Fader Wing</u>	1	3000 channels and 4 universes of DMX
<b>Dimmers</b>	216	2.5kw Lite-puter Dimmers
	9	2.5w Strong Dimmers
<b>House lights</b>	3	2.5w Strong Dimmers

<b>Front of House Permanent Rig</b>		
<b>Follow Spots</b>	2	Robert Juliat Victors 1800w
<b>Spot bar Catwalk 1</b>	8	19 degree + iris
	4	Cantatas 11/26 1kw
<b>Front bar Catwalk 2</b>	14	Cantatas 11/26 1kw
	6	808 profiles 2 Kw
<b>Auditorium side wall right &amp; left</b>	4	Strand SL 15/32

<b>Other Available Lantern stock &amp; Accessories</b>		
<b>Fresnels</b>	54	743's complete with barndoors.
<b>Parcans</b>	52	Thomas pars CP62
	16	CCT Rockettes CP 61
<b>Floor cans</b>	6	Thomas CP621000W
	4	Thomas CP88 500W
<b>Profiles</b>	25	Strand SL 23/50
<b>Floods</b>	5	Coda's 1Kw
	25	500 watt Minuette floods
	2	4 cell Blinders
<b>Uv</b>	2	UV cannons 400w

<b>LED</b>	<b>8</b>	6in1 visage par light
<b>Intelligent LED Fixtures</b>	<b>8</b>	Chauvet 560z washes lights
	<b>4</b>	Chauvet 560 Spot lights
	<b>4</b>	Chauvet Rogue R2 washes lights
<b>Intelligent Fixtures</b>	<b>4</b>	Martin Mac 500 spot
	<b>4</b>	Martin Mac 600 wash
	<b>6</b>	Martin Mac 250 spot
	<b>8</b>	Rogue R2 Beams
<b>Pre wired stage booms</b>	<b>6</b>	6 circuits on each

**Various stands, mounting equipment, gobo holders and iris available on request**

### LX Circuit Positions

<b>Spot bar Catwalk 1</b>	12 circuits
<b>Front bar Catwalk 2</b>	24 circuits
<b>Perches Left &amp; Right</b>	12 circuits (paired across)
<b>Overstage (across 4 LX bars)</b>	96 circuits
<b>Stage Dips</b>	24 circuits (paired across)
<b>Fly floor S/L</b>	24 circuits
<b>Fly floor S/R</b>	24 circuits
<b>Auditorium side wall right and left</b>	6 circuits (3 a side)

### Auditorium Hanging Positions

<b>Circle front</b>	<b>SWL 100KG</b>
<b>Perches auditorium right and left</b>	<b>SWL 150KG</b>
<b>Auditorium side wall right and left</b>	<b>SWL 40KG</b>

## FOH Control

<b>Behringer X32 Digital Mixer</b>	<b>1</b>	32 Channel - 8 Returns
<b>4.5KW HK Audio PRO Passive Sound System</b>	<b>4</b> <b>4</b> <b>2</b>	Pro18 500w sub Pro12 400w cabs (stalls) Pro12 400w cabs (Circle)
<b>Behringer Europower EP4000 Amp</b>	<b>1</b>	
<b>Behringer Europower EP2500 Amp</b>	<b>4</b>	
<b>Behringer Europower EP1500 Amp</b>	<b>2</b>	
Effects Unit Yamaha SPX 900	<b>1</b>	
Effects Unit Yamaha SPX 1000	<b>1</b>	
Alesis Midiverb 4	<b>1</b>	
Behringer 31 band stereo EQ	<b>6</b>	(Monitor sends)
Behringer Multicom	<b>2</b>	
Behringer Autocom	<b>3</b>	
<b>Dual Numark CDN22</b>	<b>2</b>	
<b>American Audio CD player</b>	<b>1</b>	
<b>Minidisc E-11's</b>	<b>2</b>	
<b>Tascam MD350 MD DISC Player</b>	<b>1</b>	
<b>Tascam CD/Cassette player</b>	<b>1</b>	
<b>50 Way Multi Sends</b> (20xD/S/L)---- (10xD/S/R)---- (10xU/S/L)---- (10xU/S/R)		
<b>6 Way Aux Returns</b>		

## Loudspeakers & Monitors

<b>500w Theatre stage monitors</b>	<b>4</b>	
<b>HK Audio PRO12 600W Active monitors</b>	<b>2</b>	(Available on request)

## Microphones & Di's

<b>Shure SM58 microphones</b>	10	
<b>Shure SM 57 microphones</b>	2	
<b>AKG SE300 Power Units C/W</b>	3	
<b>CK91 capsules</b>	3	
<b>CK93 capsules</b>	2	
<b>AKG D112 microphones</b>	2	
<b>Sennheiser e602's</b>	4	
<b>Audio Technica AT4033</b>	1	
<b>Crown PCC160's</b>	2	
<b>EMO System Di Boxes</b>	5	

## Radio Microphones

<b>Trantec UHF S5.5 receivers</b>	12	Rack & Ready (Channel 38)
<b>Trantec UHF S5.5 lapel transmitters</b>	12	(Channel 38)
<b>Trantec UHF S5.5 Hand-held transmitters</b>	6	(Channel 38)

**(Note) Radio mics are available with an additional hire charge.**

## Communications

8 way cue light system

Paging to Backstage area

CCTV monitor stage (DSM position) D/S/L

CCTV monitor IR (DSM position) D/S/L

8 Canford Headsets and Belt packs.

Fixed Canford Headsets to all areas (LX-SOUND-FOLLOWSPOTS-FLYS)



## AUDIO VISUAL (AV)

<b>Projectors</b>	
<b>1x Sanyo PC56</b>	<i>(Available with additional hire charge)</i>
<b>1x Sanyo PLCXP200</b>	<i>(Available with additional hire charge)</i>
<b>Screens</b>	
<b>1x Fastfold screen 8x6</b>	<i>(Rear projection &amp; Front projection option)</i>
<b>Screen 10x8</b>	<i>(front projection only) <b>Available on request</b></i>

## GENERAL INFORMATION

<b>Backstage</b>
<b><u>Touring Sound position:</u></b> Rear of the Stalls, 15m from the stage (NOTE, no seats have to be removed)
<b><u>Zarges Light-alloy multi-function ladder</u></b> <a href="http://www.zarges.com/">http://www.zarges.com/</a>
<b><u>Orchestra pit:</u></b> The orchestra pit can be set in 2 positions 1) Fully Raised in the highest position to create a 2m extra forestage 2) Fully lowered to create a 1.8m pit
<b><u>Fly bars:</u></b> All the flybar measurements are taken from the iron line. The measurement from this line to the front of the stage is 600mm, and with the forestage up is 2800mm
<b><u>Stage door:</u></b> The stage door is unmanned with a coded lock. The combination number will be issued to the visiting company on arrival. <b>NOTE;</b> Amature societies are requested to arrange a member of their own personnel to actively man the security on the stage door.
<b><u>Wardrobe Facilities:</u></b> 1x Washing machines 2x Tumble Dryers 2x Ironing boards Plumbing for 1x Touring washing machine. 1x 32a supply

**Note, additional costs will occur on some equipment, please get in contact with us to find out more about any costs and what we are able to offer**

## Dressing Rooms

<b>Room 1</b>	6 people	Stage Level
<b>Room 2</b>	4 people	Stage Level
<b>Room 3</b>	3 people	1st floor
<b>Room 4</b>	3 people	1st floor
<b>Room 5</b>	3 people	1st floor
<b>Room 6</b>	5 people	1st floor
<b>Room 7</b>	3 people	2nd floor
<b>Room 8</b>	3 people	2nd floor
<b>Room 9</b>	5 people	2nd floor
<b>Band Room</b>	10 people	Understage
<b>Rehearsal Room</b>	50 people	3rd floor ( <b>Note</b> , No sinks or toilets on this level)
<b>Wardrobe</b>		Understage ( <b>Note</b> , No toilets on this level)

2x Shower facilities are available on level 2 backstage

All dressing rooms are fully accessible, have mirrors, audio show relay and paging calls

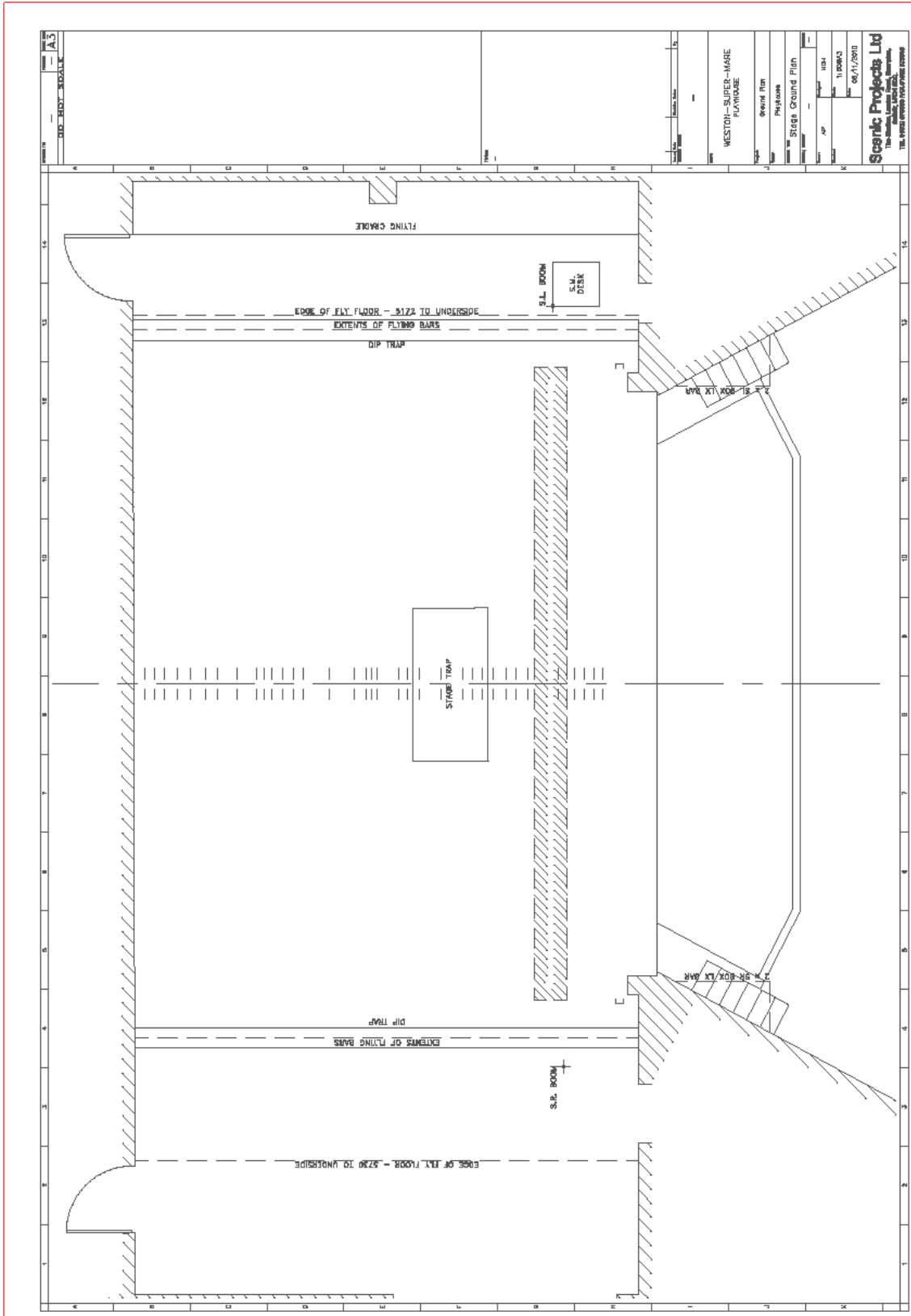
Tea & Coffee making facilities are available in the understage basement area.

Wifi is available in all areas of the theatre.

## STANDARD FLY LINE HANGING PLOT

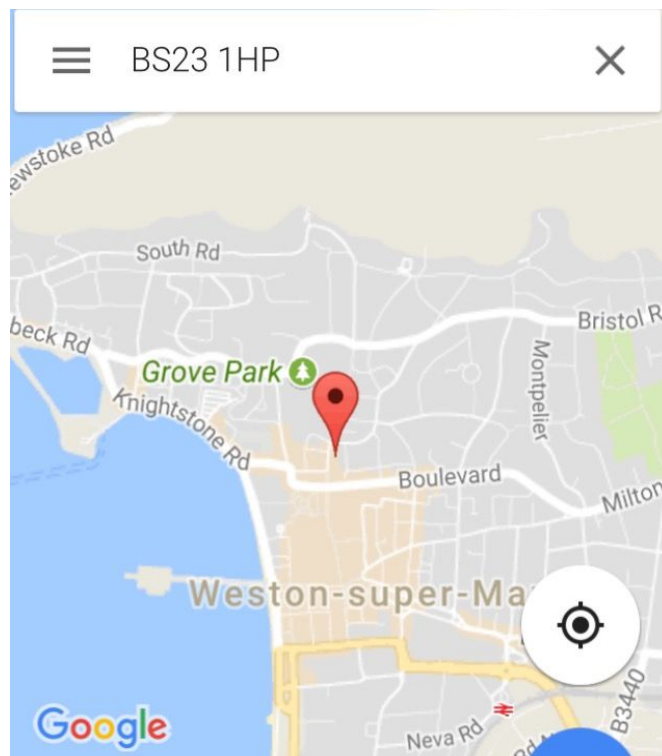
FLY BAR	DESCRIPTION	DISTANCE FROM IRON LINE
<b>UPSTAGE</b>		
<u>30</u>	STAR CLOTH	7600mm
<u>29</u>		7450mm
<u>28</u>		7420mm
<u>27</u>		7000mm
<u>26</u>		6750mm
<u>25</u>		6550mm
<u>24</u>	LX 4 (PERM)	6100mm
<u>23</u>	BLACK LEGS	5800mm
<u>Hemp</u>	BLACK HEADER (PERM)	5750mm
<u>22</u>		5600mm
<u>21</u>		5450mm
<u>20</u>		5300mm
<u>19</u>		5150mm
<u>18</u>	LX 3 (PERM)	4650mm
<u>17</u>	BLACK LEGS	4250mm
<u>Hemp</u>	BLACK HEADER (PERM)	4200mm
<u>16</u>		4100mm
<u>15</u>		3900mm
<u>14</u>		3700mm
<u>13</u>		3500mm
<u>12</u>		3300mm
<u>11</u>	LX 2 (PERM)	2850mm
<u>10</u>	BLACK LEGS	2500mm
<u>Hemp</u>	BLACK HEADER (PERM)	2350mm
<u>9</u>		2250mm
<u>8</u>		2050mm
<u>7</u>		1900mm
<u>6</u>		1600mm
<u>5</u>		1400mm
<u>4</u>	LX 1 + CINEMA SCREEN (PERM)	900mm
<u>3</u>	FALSE PROS	650mm
<u>Pulley</u>	HOUSE BLACK HEADER (PERM)	550mm
<u>2</u>		400mm
<u>1</u>	HOUSE TABS (PERM)	250mm

# STAGE PLAN





## LOCAL MAPS



### **Effects**

**ALL SPECIAL EFFECTS MUST BE REQUESTED AND APPROVED IN ADVANCE** as they may require alterations to automated fire and smoke alarm systems and special local authority licensing approval.

\*The use of oil based hazers/crackers is not permitted at The Playhouse\*.

### **Microphones:**

Wireless UHF equipment : The Playhouse Theatre currently holds a license for use of radio mic equipment in Channel 38.

This license is for all in-house radio mics onsite, not just on the main stage. Visiting companies must check in advance of their visit to ensure that all radio equipment will be clear of interference and are advised to license their own frequencies.

If The Playhouse Theatre is required to license additional frequencies for the use of its own equipment as a result of visiting companies' requirements, this will be charged to the company at the annual rate set by JFMG and must be paid in advance of any re tuning. The Playhouse Theatre reserve the right to charge any additional costs incurred as a result.

### **Reporting:**

Any and all accidents **MUST** be reported immediately to a member of The Playhouse Theatre Management or crew, who will ensure that the relevant personnel are informed immediately, in order that all Health and Safety procedures can be followed.

Near misses **MUST** be reported to the Technical Manager and to the visiting company's Technical Director / Company Manager.

In both instances, an accident / incident / Near Miss form, must be completed and signed.

**Code of practice for get-ins and get-outs:** local residents

The Playhouse Theatre is situated near residential areas. It is essential to the nature of our business that we sometimes have to work late at night or during the early hours of the morning (unsociable hours for noise disturbance).

We recognise the importance of good relations with our neighbours and are committed to developing and maintaining them.

This Code of Practice will be followed by all staff employed by The Playhouse Theatre. We will also endeavour to ensure that staff employed by visiting companies or their agents follow it.

The Playhouse Theatre does not own or operate any vehicles, but drivers of vehicles owned by visiting companies or their agents will be asked by The Playhouse Theatre staff to:

**Turn off their engines where possible to reduce emissions and noise pollution.**

**Keep truck movements, including all arrivals and departures, to a minimum during unsociable hours.**

**In addition:**

All staff must comply with The Playhouse Theatre's Health and Safety Code of Practice for loading and unloading of vehicles.

All complaints from neighbours will be dealt with courteously. Wherever possible, the cause of the complaint will be dealt with immediately. A report of the complaint will be made to the Technical Manager by the member of staff who dealt with the complaint.

Any suggestions, from staff or from residents, regarding amendments or improvements to this code of practice will be passed to the General Manager for consideration.

**We look forward to welcoming you to our venue, and hope you enjoy your stay with us.**